ABB MEASUREMENT & ANALYTICS | DATA SHEET

266MRT, 266GRT and 266ART

Pressure transmitters with seals



Measurement made easy
Engineered solutions for all applications

Base accuracy
- from 0.04 % of calibrated span

Reliable sensing system coupled with very latest digital technologies
- provides large turn down ratio up to 60:1

Comprehensive sensor choice
- optimize in-use total performance and stability

Flexible configuration facilities
- provided locally via local LCD keypad

New TTG (Through-The-Glass) keypad technology
- allows quick and easy local configuration without opening the cover, even in explosion proof environments

IEC 61508 certification
- version for SIL2 (1oo1) and SIL3 (1oo2) applications

PED compliance to Sound Engineering Practice (SEP)

All welded constructions
- grant economically feasible and technically sound solutions
- ensuring total reliability at line pressure down to full vacuum

Wide range of seal types, fill fluids, materials and options

Special designed seals for tailored solutions

Product in compliance with Directive 2011/65/UE (RoHS II)

In-built advanced diagnostics

General description

Models detailed in this data sheet apply for those transmitters which include one or two remote seal(s) connected via a capillary to the transmitter sensor.
Depending on the selected ordering code the following models are available:
a) model 266MRT which allows a differential measurement using either
- two remote seals of same type and size or
- one direct mount seal on positive side and one remote seal on negative side, of same type and size or
- one remote seal on positive and a standard threaded connection direct 1/4 in – 18 NPT on flange or 1/2 in – 14 NPT through adapter, for the wet or dry leg on negative side opposite to seal, or
- one direct mount seal on positive side and a standard threaded connection direct 1/4 in – 18 NPT on flange or 1/2 in – 14 NPT through adapter, for the wet or dry leg on negative side.

b) model 266GRT or 266ART have the remote or direct mount seal on the positive side and the user can select the suitable code for having the reference at armospheric or vacuum pressure respectively for gauge or absolute measure.
Direct mount seal is integral to the transducer by a short capillary connection inside a protective rigid tube. This construction forms a standalone single assembly suitable to be mounted to the process by the seal(s) mounting facilities.
All data apply for identical characteristics of the two sides when the transmitter is differential with two seals.

Remote Seals Overview

The S26 seals are used in combination with 2600T transmitters, allowing differential, gauge or absolute pressure measurements.
Connection of the seal(s) to the relevant transmitter can be achieved as follows :

- directly mounted with a short capillary connecting the „integral“ seal to the transmitter sensor;
- through a capillary system which link the transmitter sensor to a „remote“ seal of any version.
- Using seals the transmitter can be selected with
- two seals using same fill fluid, capillary and diaphragm size
- one seal having the other side configured with a process flange for wet/dry leg connection or a blind flange providing vacuum or atmospheric reference.

Model 266GRT/ART transmitters have always one remote seal only, with a selectable reference to atmosphere or vacuum respectively for gauge or absolute pressure measurements.
The S26 Series Seal System is a protective device used to isolate 2600T series transmitters from the process fluid.
The seal system provides a flexible diaphragm seal between the process fluid and a liquid filled capillary tube connected to the body of the transmitter. The diaphragm isolates the process fluid while the filled capillary tube hydraulically transmits the process pressure to the transmitter sensor.

The capillary of remote seal is corrosion-resistant with robust costruction in stainless steel with spiral armour protection, also PVC jacket; PVC protection is always recommended except for high temperature application, where stainless steel armour is suggested. The all welded construction assures reliable operation over the widest range of operating temperature and under vacuum conditions.
For certain applications, use of seal is necessary to prevent the process fluid from leaving its enclosure, due to reasons such as :

- the process fluid has solids in suspension or is highly viscous and can foul impulse lines.
- the process fluid can solidify in impulse lines or the transmitter.
- the process fluid is too hazardous to enter the control area where the transmitter is located.
- the process temperature exceeds the recommended limits for the transmitter.
- the application is interface level or density measurement.
- Remote seals offer the required constant and equal specific gravity of the pressure transfer fluid on the high and low sides of the transmitter.
- the transmitter must be located away from the process for easier maintenance.

The S26 series is available with process connections for ASME, EN or JIS pipe flanges, wedge flow elements, chemical tees, and threaded pipe fittings. Extended diaphragm remote seals, suitable for connection to 2in - 3in or 4in flanged tank nozzles or flanged tees, permit the seal diaphragm to be located flush with the inside of a tank or pipe. Sanitary type seals meet the stringent requirements of sanitary food, dairy, pharmaceutical and BioTech applications, offering FDA approved fillings and compliance with 3-A Sanitary Standards. Fill fluids with FDA are defined as food fills and are Generally Recognized As Safe (GRAS) by the US Food and Drug Administration (FDA).

Seal system selection criteria

Application of an S26 system in direct mount or remote seal configuration to 2600T transmitters affects performances of original devices. Effects are evident in:

- Accuracy
- Temperature effects
- Dynamic response

Accuracy is only marginally affected when seal diaphragm stiffness is relevant compared with sensor stiffness.
This is the only characteristic of the S26 system which has role on accuracy performance. High stiffness of diaphragm associated with low URL might produce increased errors of linearity, hysteresis, and long term stability; when diaphragm stiffness is accuracy related also temperature effects are significantly affected.
Some basic considerations on diaphragm stiffness help understanding effects introduced by S26 system associated with transmitters. This is physically defined by the ratio between the pressure variation applied to the diaphragm and the corresponding volume variation. The stiffness is not linear along the whole diaphragm volumetric displacement, but the S26 design is such to maintain the system linear within the service conditions of the transmitter such as:

- Operating pressure range
- Operating static pressure (for differential transmitters)
- Ambient and process temperature limits

Diaphragm stiffness is a function of material and thickness (elastic coefficient), diameter (type), convolution shape and geometry (design defined).
S26 system has effect on temperature performance of the complete transmitter. This effect is mostly on zero of the instrument and is produced by the expansion of the fill fluid into the closed volume formed by the transmitter flange cavity the capillary volume and the remote seal volume. This volume filled with a fluid with specific expansion coefficient; change in temperature of the measuring device produce a volume variation which is absorbe by the remote diaphragm, whose stiffness produces a change in the fluid pressure: this is the zero error. In real application the transmitter/seal system is not the same and stable temperature. Therefore the errors referred in this document for each type of diaphragm and different fluids should be taken as a reference for qualitatively evaluation and not a true behaviour in normal application conditions. Should again be recognized that the stiffness of diaphragm and in this case, the thermal coefficient of fluid are the parameter to take into account.

Application of S26 seal to transmitters increases the original time response. The amount of the increase depends from the number of elements and condition of the instrument as follow:

- transmitter sensor range
- physical configuration (i.e. a remote seal on other side)
- type of measure/number of seal (one or two)
- fill fluid viscosity of the S26 system applied
- ambient temperature (affects the transmitter and the capillary) and process temperature on the seal diaphragm
- capillary length

The delay introduced by the seal may be considered as an added constant time to the one of the associated transmitter.
For obtaining the best application solution:

- choose sensor code with URL closest to application SPAN
- select largest diameter diaphragm seal related to URL.
- keep the capillary length as short as possible
- select the fill fluid that suits the most extreme process conditions expected (highest temperature and lowest pressure) and it is compatible with the process fluid.
- In vacuum application, choose always the all welded version and mount the transmitter primary 30 cm / 12 inches or more below the bottom seal connection.
- In a two-seal system use the same diaphragm size, capillary length and fill fluid on each side of the transmitter

Temperature errors optimization (option code DE)
Additional enhanced optimization performed during the production process allows to reduce errors caused by temperature changes on seal. Values detailed in relevant tables can be considered divided by 4 for the following conditions

- difference of capillary errors (per metre) when the two sides have different lengths
- difference of seal errors (process) when the two sides are equipped with different S26 types
- difference of system errors (ambient) when the transmitter uses one direct mount seal and one remote seal.

Ordering Information

The transmitter and each seal system are each identified by a product code number. These code numbers are stamped on the transmitter nameplate and each character identifies specific product features. Refer to ordering information for a detailed explanation of the product code numbers.
Industrial application in chemical, sanitary, food and any other process industries may require seal configurations and/or
process connection different from those reported in this document. Each “special” should be evaluated by ABB to check the correctness and its level of functionality. Ask for the “S26 series seal form” to define precisely the measuring problem and application requirements.
ABB can also cooperate with you by developing a special remote seal for problems requiring individual solutions.

PLEASE CONTACT YOUR LOCAL ABB OFFICE OR REPRESENTATIVE FOR ADDITIONAL INFORMATION, SPECIFIC SEAL DATA AND APPLICABILITY.

The following table shows the types of seals available as remote.
According to the combination SEAL/TRANSMITTER SENSOR the table details the MAXIMUM CAPILLARY LENGTH.
The mnemonics will be used as shortest cross references in the following pages of the data sheet.

Seal model	Seal type	Seal diaphragm size (thickness) [flange type]	Two seals construction					One seal construction								Mnemonic
			SENSOR					SENSOR								
			C	F	L	N	R	C	F	L	D	N	U	R	V	
S26WA S26WE	Wafer (ASME and EN standards)	1.5 in /DN 40	-	-	4	5	5	-	-	3	5	5	5	5	5	P1.5
		2 in / DN 50	-	3	8	8	8	-	2	6	8	8	8	8	8	P2
		3 in / DN 80	1.5	6	8	16	16	-	4	10	10	10	10	10	10	P3
		1.5 in /DN 40 (low)	-	-	6	6	6	-	-	3	6	6	6	6	6	F1.5
		2 in / DN 50 (low)	1	4	8	16	16	-	3	8	12	16	16	16	16	F2
		3 in / DN 80 (low)	2	8	10	16	16	-	6	10	16	16	16	16	16	F3
S26FA S26FE S26RA S26RE	Flanged flush diaphragm (ASME and EN standards)	2 in / DN 50	-	3	8	8	8	-	2	6	8	8	8	8	8	P2
		3 in / DN 80	1.5	6	8	16	16	-	4	10	10	10	10	10	10	P3
		4 in / DN 100	1.5	6	8	16	16	-	4	10	10	10	10	10	10	P3
		2 in / DN 50 (low)	1	4	8	16	16	-	3	8	12	16	16	16	16	F2
		3 in / DN 80 (low)	2	8	10	16	16	-	6	10	16	16	16	16	16	F3
		4 in / DN 100 (low)	2	8	10	16	16	-	6	10	16	16	16	16	16	F3
	Flanged extended diaphragm (ASME and EN standards)	2 in / DN 50	-	3	6	6	6	-	-	4	6	6	6	6	-	E2
		3 in / DN 80	1	4	8	12	12	-	3	8	10	10	10	10	-	E3
		4 in / DN 100	1.5	6	8	16	16	-	4	10	10	10	10	10	10	P3
		2 in / DN 50 [fixed]	-	-	6	6	6	-	-	3	6	6	6	6	6	F1.5
		3 in / DN 80 [fixed]	2	8	10	12	12	-	6	10	12	12	12	12	-	F2.5
		4 in / DN100 [fixed]	2	8	10	12	12	-	6	10	12	12	12	12	-	F2.5
S26RJ	Flanged flush diaphragm (JIS standards)	A 50	-	3	8	8	8	-	2	6	8	8	8	8	8	P2
		A 80	1.5	6	8	16	16	-	4	10	10	10	10	10	10	P3
		A 100	1.5	6	8	16	16	-	4	10	10	10	10	10	10	P3
S26RR	Flanged flush diaphragm (Ring Joint ASME standard)	1.5 in	-	-	4	5	5	-	-	3	5	5	5	5	5	P1.5
		2 in	-	3	8	8	8	-	2	6	8	8	8	8	8	P2
		3 in	1.5	6	8	16	16	-	4	10	10	10	10	10	10	P3
S26CN	Flanged Chemical Tee	3 in	1.5	6	8	16	16	-	4	10	10	10	10	10	10	P3
S26TT	Threaded off-line flanged	2 1/2 in	1	3	8	12	12	-	3	8	8	8	8	8	8	T2.5
S26MA S26ME	Off-line flanged (ASME and EN standards)	2 1/2 in	1	3	8	12	12	-	3	8	8	8	8	8	8	T2.5
S26SS	Union nut, Triclamp, Sanitary, Aseptic	2 in / F50	-	1	3	6	6	-	1	3	6	6	6	6	-	S2
		3 in / 4 in / F80	1.5	6	10	10	10	-	6	10	10	10	10	10	-	S3
	Cherry Burrell, Cherry Burrell Aseptic	2 in	-	1	3	6	6	-	1	3	6	6	6	6	-	S2.5
		3 in / 4 in	1.5	6	10	10	10	-	6	10	10	10	10	10	-	S3.5
S26VN	Saddle and Socket	2 1/2 in	-	-	4	5	5	-	-	3	5	5	5	5	5	P1.5
S26UN	Union connection type	1 1/2 in	-	-	-	-	-	-	-	3	5	5	5	5	-	Z1.5
S26BN	Button type	1 in	-	-	-	-	-	-	-	-	-	-	-	3	3	B1
S26PN	Urea service flanged	1 1/2 in	-	-	-	-	-	-	-	5	5	5	5	5	5	U1.5
		2 1/2 in	-	3	6	6	6	-	3	6	6	6	6	6	6	U2.5

...Seal system selection criteria

The following table shows the types of seals available as direct mount.
According to the combination SEAL/TRANSMITTER SENSOR the table details the compatibility for one direct mount seal construction and the MAXIMUM CAPILLARY LENGTH when a second seal is selected as remote.
The mnemonics will be used as shortest cross references in the following pages of the data sheet.

Seal model	Seal type	Seal diaphragm size (thickness) [flange type]	One direct mount seal								One DM plus one remote seal					Mnemonic
			SENSOR													
			C	F	L	D	N	U	R	V	C	F	L	N	R	
S26FA S26FE S26RA S26RE	Flanged flush diaphragm (ASME and EN standards)	2 in / DN 50	Y	Y	Y	Y	Y	Y	Y	Y	-	3	5	8	8	P2
		3 in / DN 80	Y	Y	Y	Y	Y	Y	Y	Y	3	5	10	10	10	P3
		4 in / DN 100	Y	Y	Y	Y	Y	Y	Y	Y	3	5	10	10	10	P3
		2 in / DN 50 (low)	Y	Y	Y	Y	Y	Y	Y	Y	2	4	8	12	16	F2
		3 in / DN 80 (low)	Y	Y	Y	Y	Y	Y	Y	Y	2	6	10	16	16	F3
		4 in / DN 100 (low)	Y	Y	Y	Y	Y	Y	Y	Y	2	6	10	16	16	F3
	Flanged extended diaphragm (ASME and EN standards)	2 in / DN 50	-	-	Y	Y	Y	Y	Y	-	-	-	4	6	6	E2
		3 in / DN 80	Y	Y	Y	Y	Y	Y	Y	-	2	3	8	10	10	E3
		4 in / DN 100	Y	Y	Y	Y	Y	Y	Y	Y	3	5	10	10	10	P3
		2 in / DN 50 [fixed]	-	-	Y	Y	Y	Y	Y	-	-	-	3	6	6	F1.5
		3 in / DN 80 [fixed]	Y	Y	Y	Y	Y	Y	Y	-	2	6	10	12	12	F2.5
		4 in / DN100 [fixed]	Y	Y	Y	Y	Y	Y	Y	-	2	6	10	12	12	F2.5
S26RJ	Flanged flush diaphragm (JIS standards)	A 50	Y	Y	Y	Y	Y	Y	Y	Y	-	3	5	8	8	P2
		A 80	Y	Y	Y	Y	Y	Y	Y	Y	3	5	10	10	10	P3
		A 100	Y	Y	Y	Y	Y	Y	Y	Y	3	5	10	10	10	P3
S26RR	Flanged flush diaphragm (Ring Joint ASME standard)	1.5 in	-	-	Y	Y	Y	Y	Y	Y	-	-	3	5	5	P1.5
		2 in	Y	Y	Y	Y	Y	Y	Y	Y	-	3	5	8	8	P2
		3 in	Y	Y	Y	Y	Y	Y	Y	Y	3	5	10	10	10	P3
S26TT	Threaded off-line flanged	2 1/2 in	Y	Y	Y	Y	Y	Y	Y	Y	2	4	8	8	10	T2.5
S26MA S26ME	Off-line flanged (ASME and EN standards)	2 1/2 in	Y	Y	Y	Y	Y	Y	Y	Y	2	4	8	8	10	T2.5
S26SS	Union nut, Triclamp, Sanitary, Aseptic	2 in / F50	-	-	Y	Y	Y	Y	Y	-	-	-	3	6	6	S2
		3 in / 4 in / F80	Y	Y	Y	Y	Y	Y	Y	-	3	4	8	8	8	S3
	Cherry Burrell, Cherry Burrell Aseptic	2 in	-	-	Y	Y	Y	Y	Y	-	-	-	3	6	6	S2.5
		3 in / 4 in	Y	Y	Y	Y	Y	Y	Y	-	3	4	8	8	8	S3.5
S26VN	Saddle and Socket	2 1/2 in	-	-	Y	Y	Y	Y	Y	-	-	-	-	-	-	P1.5
S26JN	In-line type (ONLY DIRECT MOUNT WITH 266ART / 266GRT)	1 in	-	-	-	Y	-	Y	Y	Y	-	-	-	-	-	J1
		1 1/2 in	-	-	-	Y	-	Y	Y	Y	-	-	-	-	-	J1.5
		2 in	-	-	-	Y	-	Y	Y	Y	-	-	-	-	-	J2
		3 in	-	-	-	Y	-	Y	Y	Y	-	-	-	-	-	J3
S26KN	Pulp & Paper application specific (ONLY DIRECT MOUNT WITH 266ART / 266GRT)	1 in ball valve (266GRT only)	-	-	Y	Y	-	Y	Y	-	-	-	-	-	-	Y1
		1 in (gasketed)	-	-	Y	Y	-	Y	Y	-	-	-	-	-	-	M1
		1 in (NPT, Gas)	-	-	Y	Y	-	Y	Y	Y	-	-	-	-	-	M1
		1 1/2 in (gasketed)	-	Y	Y	Y	-	Y	Y	-	-	-	-	-	-	M1.5
		1 1/2 in (NPT - Gas)	-	Y	Y	Y	-	Y	Y	Y	-	-	-	-	-	M1.5A
		1 1/2 in (M44 thread)	-	Y	Y	Y	-	Y	Y	-	-	-	-	-	-	M1.5B

Specification – functional

Range and span limits

Sensor Code	Measuring range upper limit (URL)	Measuring range lower limit (LRL)			Minimum measuring span			
		266MRT Differential pressure	266GRT Gauge pressure	266ART Absolute pressure	266MRT 266GRT	266ART	266GRT with S26KN	266ART with S26KN
C	6 kPa 60 mbar 24 inH2O	-6 kPa -60 mbar -24 inH2O	-6 kPa -60 mbar -24 inH2O	0.07 kPa abs 0.7 mbar abs 0.5 mmHg	0.6 kPa 6 mbar 2.41 inH2O	1.2 kPa abs 12 mbar abs 9 mmHg		
F	40 kPa 400 mbar 160 inH2O	-40 kPa -400 mbar -160 inH2O	-40 kPa -400 mbar -160 inH2O	0.07 kPa abs 0.7 mbar abs 0.5 mmHg	0.67 kPa 6.7 mbar 2.67 inH2O	2 kPa abs 20 mbar abs. 15 mmHg	2.0 kPa 20 mbar 8 inH2O	4.0 kPa 40 mbar 30 mmHg
L	250 kPa 2500 mbar 1000 inH2O	-250 kPa -2500 mbar -1000 inH2O	–100 kPa –1 bar 14.5 psi	0 abs	4.17 kPa 41.67 mbar 16.73 inH2O	12.5 kPa abs 125 mbar abs 93.8 mmHg	8.33 kPa 83.33 mbar 33.5 inH2O	25.0 kPa 250 mbar 187.5 mmHg
D	1000 kPa 10 bar 145 psi		–100 kPa –1 bar 14.5 psi	0 abs	16.7 kPa 167 mbar 2.42 psi	50 kPa abs 500 mbar abs 7.25 psia	33.3 kPa 333 mbar 4.8 psi	100 kPa 1.0 bar 14.5 psia
N	2000 kPa 20 bar 290 psi	-2000 kPa -20 bar -290 psi			33.3 kPa 333 mbar 4.83 psi			
U	3000 kPa 30 bar 450 psi		–100 kPa –1 bar 14.5 psi	0 abs	50 kPa 500 mbar 7.25 psi	150 kPa abs 1.5 bar abs 21.7 psia	100 kPa 1.0 bar 14.5 psi	300 kPa 3.0 bar 43.5 psia
R	10000 kPa 100 bar 1450 psi	-10000 kPa -100 bar -1450 psi	–100 kPa –1 bar 14.5 psi	0 abs	167 kPa 1.67 bar 24.17 psi	500 kPa abs 5 bar abs 72.6 psia	333 kPa 3.33 bar 48.3 psi	1000 kPa 10 bar 145 psia
V	60000 kPa 600 bar 8700 psi		–100 kPa –1 bar 14.5 psi		1000 kPa 10 bar 145 psi		2000 kPa 20 bar 290 psi	

Span limits

Maximum span = URL

IT IS RECOMMENDED TO SELECT THE TRANSMITTER SENSOR CODE PROVIDING THE TURNDOWN VALUE AS LOWEST AS POSSIBLE TO OPTIMIZE PERFORMANCE CHARACTERISTICS.

Zero suppression and elevation

Zero and span can be adjusted to any value within the range limits detailed in the table as long as:

- calibrated span ≥ minimum span

Damping

Selectable time constant : between 0 and 60 s

This is in addition to sensor response time.

Turn on time

Operation within specification in less than 10 s with minimum damping.

Insulation resistance

> 100 MΩ at 500 V DC (terminals to earth)

Specification – operative limits

Pressure limits

Overpressure limits

Model 266MRT	Filling fluid	Overpressure limits
Sensors C to R	Silicone oil	0.07 kPa abs., 0.7 mbar abs., 0.5 mmHg and 16 MPa, 160 bar, 2.320 psi, or 25 MPa, 250 bar, 3.625 psi, or 41 MPa, 410 bar, 5.945 psi depending on code variant selected
Sensors C to R	Fluorocarbon (Galden)	17.5 kPa abs., 175 mbar abs., 131 mmHg and 16 MPa, 160 bar, 2.320 psi, or 25 MPa, 250 bar, 3.625 psi, or 41 MPa, 410 bar, 5.945 psi depending on code variant selected

Models 266GRT and 266ART	Filling fluid	Overpressure limits
Sensor C, F	-	0.07 kPa abs., 0.7 mbar abs., 0.5 mmHg and 1 MPa, 10 bar, 145 psi
Sensor L	Silicone oil	0.07 kPa abs., 0.7 mbar abs., 0.5 mmHg and 3 MPa, 30 bar, 435 psi
Sensor D	Silicone oil	0.07 kPa abs., 0.7 mbar abs., 0.5 mmHg and 6 MPa, 60 bar, 870 psi
Sensor U	Silicone oil	0.07 kPa abs., 0.7 mbar abs., 0.5 mmHg and 6 MPa, 60 bar, 870 psi
Sensor R	Silicone oil	0.07 kPa abs., 0.7 mbar abs., 0.5 mmHg and 30 MPa, 300 bar, 4350 psi
Sensor V	Silicone oil	0.07 kPa abs., 0.7 mbar abs., 0.5 mmHg and 90 MPa, 900 bar, 13050 psi
Sensor L	Fluorocarbon (Galden)	0.135 kPa abs., 1.35 mbar abs., 1 mmHg and 3 MPa, 30 bar, 435 psi
Sensor D	Fluorocarbon (Galden)	0.135 kPa abs., 1.35 mbar abs., 1 mmHg and 6 MPa, 60 bar, 870 psi
Sensor U	Fluorocarbon (Galden)	0.135 kPa abs., 1.35 mbar abs., 1 mmHg and 6 MPa, 60 bar, 870 psi
Sensor R	Fluorocarbon (Galden)	0.135 kPa abs., 1.35 mbar abs., 1 mmHg and 30 MPa, 300 bar, 4350 psi
Sensor V	Fluorocarbon (Galden)	0.135 kPa abs., 1.35 mbar abs., 1 mmHg and 90 MPa, 900 bar, 13050 psi

Static pressure limits

Transmitters for differential pressure, models 266MRT, can operate within the specifications with the following limit values.

Sensors	Filling fluid	Static pressure limits
Sensors C to R	Silicone oil	3.5 kPa abs., 35 mbar abs., 0.5 psia and 16 MPa, 160 bar, 2.320 psi, or 25 MPa, 250 bar, 3.625 psi, or 41 MPa, 410 bar, 5.945 psi depending on code variant selected
Sensors C to R	Fluorocarbon (Galden)	17.5 kPa abs., 175 mbar abs., 131 mmHg and 16 MPa, 160 bar, 2.320 psi, or 25 MPa, 250 bar, 3.625 psi, or 41 MPa, 410 bar, 5.945 psi depending on code variant selected

The overpressure limits and upper static pressure limits can be lowered by means of the nominal pressure rating of the diaphragm seal flange.

Proof pressure

The transmitters can withstand a pressure test with the following line pressure without leaking:

Model	Test pressure
266MRT	1.5 x nominal pressure (static pressure limit) simultaneously on both sides *
266GRT / 266ART	Overpressure limits of sensor *

* Or double the value of the pressure sensor flange pressure stage, depending on which value is less.

Meet ANSI/ISA–S 82.03 hydrostatic test requirements.

Overpressure and static upper limit can be derated by the flange rating of seal, as follows:

Seal model S26RE to EN 1092-1	Carbon steel flange @ 120 °C	AISI 316 ss flange @ 20 °C
PN 16	16 bar	16 bar
PN 40	40 bar	40 bar
PN 63	63 bar	63 bar
PN 100	100 bar	100 bar

Seal model S26RA and S26RR to ASME B16.5	Carbon Steel @ 100 °F (38 °C)	AISI 316 ss flange @ 100 °F (38 °C)
Class 150	285 psi	275 psi
Class 300	740 psi	720 psi
Class 600	1480 psi	1440 psi
Class 900	2220 psi	2160 psi
Class 1500	3705 psi	3600 psi
Class 2500	6170 psi	6000 psi

Seal model S26RJ to JIS B 2220	Carbon steel flange @ 120 °C	AISI 316 ss flange @ 120 °C
10K	14 bar	14 bar
20K	36 bar	36 bar
40K	68 bar	68 bar

Seal model S26FE to EN 1092-1	AISI 316 L ss flange @ 20 °C
PN 16	16 bar
PN 40	40 bar
PN 63	63 bar
PN 100	100 bar

Seal model S26FA to ASME B16.5	AISI 316 L ss flange @ 100 °F (38 °C)
Class 150	230 psi
Class 300	600 psi
Class 600	1200 psi

Seal model S26ME to EN 1092-1	AISI 316 ss or Hastelloy C flange
PN 16 / 40	40 bar @ 25 °C (77 °F)

Seal model S26MA to ASME B16.5	AISI 316 L ss flange @ 25 °C (77 °F)	Hastelloy C flange @ 25 °C (77 °F)
Class 150	230 psi	290 psi
Class 300	600 psi	750 psi

The pressure limit decreases with increasing temperature above to the specified values as defined for the material, respectively for ASME B16.5, EN 1092-1, JIS or ISO 10423 standards.

Seal model S26TT bolting	Temperature range	Pressure limit
AISI 316 ss or Carbon steel	0 to 100 °C (32 to 212 °F)	21 MPa, 210 bar, 3045 psi
	-60 to 0 °C (-76 to 32 °F)	16 MPa, 160 bar, 2320 psi
	100 to 360 °C (212 to 680 °F)	16 MPa, 160 bar, 2320 psi
Alloy steel	0 to 37.8 °C (32 to 100 °F)	21 MPa, 210 bar, 3045 psi
	-48.3 to 0 °C (-55 to 32 °F)	16 MPa, 160 bar, 2320 psi
	37.8 to 360 °C (100 to 680 °F)	13 MPa, 130 bar, 1885 psi

Seal model S26SS	Pressure limit
Triclamp 2 in	3.8 MPa, 38 bar, 550 psi
Triclamp 3 in	2.4 MPa, 24 bar, 350 psi
Triclamp 4 in	1.7 MPa, 17 bar, 250 psi
Union nut F50	2.5 MPa, 25 bar, 360 psi
Union nut F80	2.5 MPa, 25 bar, 360 psi
Cherry Burrel 2 in	1.9 MPa, 19 bar, 275 psi
Cherry Burrel 3 in	1.9 MPa, 19 bar, 275 psi
Cherry Burrel 4 in	1.9 MPa, 19 bar, 275 psi
Sanitary flush 4 in	1.9 MPa, 19 bar, 275 psi
Sanitary extended 4 in	1.9 MPa, 19 bar, 275 psi
V-band clamp option	1 MPa, 10 bar, 145 psi
4in schedule 5 V-band clamp option	0.7 MPa, 7 bar, 100 psi

Seal model S26WA to ASME B16.5
up to 41.37 MPa, 413.7 bar, 6000 psi but not greater then rating of mounting flange (NOT SUPPLIED)

Seal model S26WE to EN 1092-1	
Form B1	40 MPa, 400 bar, 5800 psi
Form D	16 MPa, 160 bar 2320 psi
Form E	10 MPa, 100 bar, 1450 psi

but not greater then rating of mounting flange (NOT SUPPLIED).

...Specification – operative limits

...Pressure limits

Seal model S26BN	
Types 89, 90 and 92	42 MPa, 420 bar, 6090 psi
Types 91	35 MPa, 350 bar, 5075 psi

Seal model S26VN bolting	**Temperature range**	**Pressure limit**
Alloy steel	0 to 37.8 °C (32 to 100 °F)	16 MPa, 160 bar, 2320 psi
	-48.3 to 0 °C (-55 to 32 °F)	10 MPa, 100 bar, 1450 psi
	37.8 to 360 °C (100 to 680 °F)	10 MPa, 100 bar, 1450 psi

Seal model S26UN	
Union Connection	10.3 MPa, 103 bar, 1500 psi
With Chemical Tee Flange	2 MPa, 20 bar, 300 psi

Seal model S26PN	
3 in ASME 600 integral flange	8 MPa, 80 bar, 1160 psi
2 in ASME 2500 threaded flange	32 MPa, 320 bar, 4640 psi

Seal model S26JN
up to 16 MPa, 160 bar, 2320 psi but not greater then rating of mounting flange (NOT SUPPLIED)

Seal model S26KN	
1 in seal - sealing with gaskets	3 MPa, 30 bar, 435 psi
1 1/2 in seals - sealing with gasket	5 MPa, 50 bar, 725 psi
1 in seal with ball valve connection	4 MPa, 40 bar, 580 psi
1 in NPT, 1 1/2 in NPT	34.5 MPa, 345 bar, 5000 psi
G 1 in A, G 1 1/2 in A	60 MPa, 600 bar, 8700 psi

Flushing ring gasket material	**Process limits**		
	Pressure (max.)	**Temperature**	**P x T**
Garlock	6.9 MPa, 69 bar, 1000 psi	–73 and 204 °C (–100 and 400 °F)	250000 (°F x psi)
Graphite	2.5 MPa, 25 bar, 362 psi	–100 and 380 °C (–148 and 716 °F)	
PTFE	6 MPa, 60 bar, 870 psi	–100 and 250 °C (–148 and 482 °F)	

Vacuum service for seals

Full vacuum subject to fill fluid limits.
Refer to FILL FLUID CHARACTERISTICS table.
Minimum pressure with seal tantalum diaphragm is 1 kPa abs, 10 mbar abs, 0.15 psia.

Temperature limits °C (°F)

Ambient

is the operating temperature

Model 266MRT	**Ambient temperature limits**
Silicone oil for sensors C to R	-40 to 85 °C (-40 to 185 °F)
Fluorocarbon (Galden) for sensors C to R	-40 to 85 °C (-40 to 185 °F)

Models 266GRT, 266ART	**Ambient temperature limits**
Silicone oil for sensor	-40 to 85 °C (-40 to 185 °F)
Inert (Galden) for sensor	-40 to 85 °C (-40 to 185 °F)
White oil for sensor	-6 to 85 °C (21 to 185 °F)

Models 266XRT	**Ambient temperature limits**
Integrated LCD display	-40 to 85 °C (-40 to 185 °F)

LCD display may not be clearly readable below –20 °C (–4 °F) or above +70 °C (+158 °F)

IMPORTANT

For Hazardous Atmosphere applications see the temperature range specified on the certificate/approval relevant to the aimed type of protection

Process

Models 266MRT (side without diaphragm seal)	**Process temperature limits**
Silicone oil for sensors C to R	-40 to 121 °C (-40 to 250 °F) *
Fluorocarbon (Galden) for sensors C to R	-40 to 121 °C (-40 to 250 °F) **
Viton gasket	-20 to 121 °C (-4 to 250 °F)
PTFE gasket	-20 to 85 °C (-4 to 185 °F)

* 85 °C (185 °F) for applications under 10 kPa, 100 mbar abs., 1.45 psia up to 3.5 kPa abs., 35 mbar abs., 26 mmHg
** 85 °C (185 °F) for applications below atmospheric pressure up to 17.5 kPa abs., 175 mbar abs., 131 mmHg

Process - seal

Refer to the following FILL FLUID CHARACTERISTICS table detailing characteristics of fill fluids when used in transmitters with seal(s) and further limitation for specific models and/or variants.

Fill fluid (application)	Process temperature and pressure limits				Specifications @ 25 °C (77°F)		
	Tmax °C (°F) @ Pabs > of	Pmin mbar abs (mmHg)	Tmax °C (°F) @ Pmin	Tmin °C (°F)	Specific gravity (kg/dm3)	Kinematic viscosity (cst)	Thermal expansion (x 10-3 /°C)
Silicone oil PMX 200 10 cSt	250 (480) @ 385 mbar	0.7 (0.5)	130 (266)	-40 (-40)	0.934	10	1.08
Silicone oil Baysilone PD5 5 cSt	250 (480) @ 900 mbar	0.7 (0.5)	45 (113)	-85 (-121)	0.923	5	0.98
Inert oil Galden G5 (oxygen service)	160 (320) @ 1 bar	2.1 (1.52)	60 (140)	-20 (-4)	1.82	4.4	1.1
Silicone polymer Syltherm XLT (cryogenic service)	100 (212) @ 118 mbar	2.1 (1.52)	20 (68)	-100 (-148)	0.852	1.4	1
Silicone oil for high temperature (for REMOTE SEAL)	375 (707) @ 1 bar	0.7 (0.5)	220 (428)	-10 (14)	1.07	39	0.77
Silicone oil for high temperature (for DIRECT MOUNT SEAL)	250 (480) @ 3.5 mbar	0.7 (0.5)	220 (428)	-10 (14)	1.07	39	0.77
Vegetable oil Neobee M-20 (food - sanitary) FDA approved	200 (390) @ 1 bar	10 (7.2)	20 (68)	-18 (0)	0.92	9.8	1.2
Mineral oil Esso Marcol 152 (food - sanitary) FDA approved	250 (480) @ 630 mbar	0.7 (0.5)	110 (230)	-6 (21)	0.86	30	0.80
Glycerin Water 70% (food - sanitary) FDA approved	93 (200) @ 1 bar	1000 (760)	93 (200)	-7 (20)	1.08	2	0.36

Absolute viscosity (cP) = Kinematic Viscosity (cSt) x Specific gravity at specified temperature.

The absolute viscosity value is used for response time calculation.

Material	Process temperature limits
Tantalum diaphragm	260 °C (500 °F) max.
PFA anti-stick coating	204 °C (400 °F) max.
PFA anti-corrosion/anti-stick coating	250 °C (482 °F) max.
AISI gold plated diaphragm	320 °C (608 °F) max.
PTFE gasket	-100 and 260 °C (-148 and 500 °F)
Viton gasket	-20 and 260 °C (-4 and 500 °F)
Graphite gasket (except S26CN)	-100 and 360 °C (-148 and 680 °F)
Graphite gasket for S26CN	-100 and 340 °C (-148 and 644 °F)
Silicone rubber gasket	-50 and 204 °C (-58 and 400 °F)
Ethylene Propylene gasket	-40 and 149 °C (-40 and 300 °F)
Ethylene Propylene gasket EPDM 3-A 18-03 Class II	-40 and 121 °C (-40 and 250 °F)

Seals model (mnemonic)	Process temperature limits
S26JN In-line type (J1, J1.5, J2, J3)	–40 and 180 °C (–40 and 356 °F)
S26KN Pulp & Paper (M1, M1.5 all)	–40 and 150 °C (–40 and 302 °F)
S26KN Pulp & Paper (Y1)	–20 and 130 °C (–4 and 266 °F)
S26SS with Ethylene Propylene gasket EPDM 3-A 18-03 Class II	-40 and 121 °C (-40 and 250 °F)
S26SS with Ethylene Propylene gasket	-40 and 149 °C (-40 and 300 °F)
S26XX with PFA anti-stick coating	max. 204 °C (max 400 °F)

Storage

Models 266xRT	Storage temperature limits
Storage limits	–50 and 85 °C (–58 and 185 °F)
LCD integral display	–40 and 85 °C (–40 and 185 °F)

...Specification – operative limits

Environmental limits

Electromagnetic compatibility (EMC)

Comply with 2014/30/UE to standards EN 61326-1:2013.
For IEC 61508 SIL certified transmitter to EN 61326-3-1:2008.
For transmitter with option "YE" to NAMUR NE 021 (2004).
Surge immunity level (with surge protector): 4 kV (according to IEC 61000-4–5 EN 61000–4–5)

Pressure equipment directive (PED)

Comply with 2014/68/UE to standards ANSI/ISA 61010-1:2012
Category III Module H for PS ≥ than 20 MPa, 200 bar
Sound Engineering Practice (SEP) for PS < 20 MPa, 200 bar

Humidity

Relative humidity: up to 100 %
Condensing, icing: admissible

Vibration resistance

Accelerations up to 2 g at frequency up to 1000 Hz (according to IEC 60068–2–6)

Shock resistance

Acceleration: 50 g
Duration: 11 ms
(according to IEC 60068–2–27)

Wet and dust-laden atmospheres

The transmitter is dust and sand tight and protected against immersion effects as defined by IEC 60529 (2001) IP 67, IP 68 on request, NEMA 4X

- IP 65 (devices with Harting Han plug connector)
- IP 66 (devices with barrel housing made from aluminum or stainless steel housing).

Hazardous atmospheres

With or without integral LCD display

INTRINSIC SAFETY Ex ia:

- ATEX Europe (code E1) approval
  II 1 G Ex ia IIC T6...T4 Ga, II 1/2 G Ex ia IIC T6...T4 Ga/Gb, II 1 D Ex ia IIIC T85 °C Da, II 1/2 D Ex ia IIIC T85 °C Da; IP66, IP67.
- IECEx (code E8) approval
  Ex ia IIC T6...T4 Ga/Gb, Ex ia IIIC T85 °C Da; IP66, IP67.
- NEPSI China (code EY)
  Ex ia IIC T4/T5/T6 Ga, Ex ia IIC T4/T5/T6 Ga/Gb, Ex iaD 20 T85/T100/T135, Ex iaD 20/21 T85/T100/T135.

EXPLOSION PROOF:

- ATEX Europe (code E2) approval
  II 1/2 G Ex db IIC T6 Ga/Gb Ta=–50 °C to +75 °C, II 1/2 D Ex tb IIIC T85 °C Db Ta = –50 °C to +75 °C; IP66, IP67.
- IECEx (code E9) approval
  Ex db IIC T6 Ga/Gb Ta=–50 °C to +75 °C, Ex tb IIIC T85 °C Db Ta = –50 °C to +75 °C; IP66, IP67.
- NEPSI China (code EZ)
  Ex d IIC T6 Gb, Ex tD A21 IP67 T85 °C.

INTRINSIC SAFETY Ex ic:

- ATEX Europe (code E3) type examination
  II 3 G Ex ic IIC T6...T4 Gc, II 3 D Ex tc IIIC T85 °C Dc; IP66, IP67.
- IECEx (code ER) type examination
  Ex ic IIC T6...T4 Gc, Ex tc IIIC T85 °C Dc; IP66, IP67.
- NEPSI China (code ES) type examination
  Ex ic IIC T4~T6 Gc, Ex tD A22 IP67 T85 °C.

FM Approvals US (code E6) and FM Approvals Canada (code E4):

- Explosionproof (US): Class I, Division 1, Groups A, B, C, D; T5
- Explosionproof (Canada): Class I, Division 1, Groups B, C, D; T5
- Dust-ignitionproof: Class II, Division 1, Groups E, F, G, Class III, Division 1; T5
- Flameproof (US): Class I, Zone 1 AEx d IIC T4 Gb
- Flameproof (Canada): Class I, Zone 1 Ex d IIC T4 Gb
- Nonincendive: Class I, Division 2, Groups A, B, C, D T6... T4
- Energy limited (US): Class I, Zone 2 AEx nC IIC T6...T4
- Energy limited (Canada): Class I, Zone 2 Ex nC IIC T6...T4
- Intrinsically safe: Class I, II, III, Division 1, Groups A, B, C, D, E, F, G T6...T4
  Class I, Zone 0 AEx ia IIC T6...T4 (US)
  Class I, Zone 0 Ex ia IIC T6...T4 (Canada)

Type 4X, IP66, IP67 for all above markings.

COMBINED FM Approvals US and Canada

- Intrinsically safe (code EA)

COMBINED ATEX, FM and IECEx Approvals (code EN)

Technical Regulations Customs Union EAC (Russia, Kazakhstan, Belarus), Inmetro (Brazil)

The permissible ambient temperature ranges (within the limits of -50 to 85 °C) are specified in the type examination certificates dependent upon the temperature class.

Specification - Electrical Characteristics and Options

LCD display

Integral display with integral keypad (code L1)



Wide screen LCD, 128 x 64 pixel, 52.5 x 27.2 mm (2.06 x 1.07 in) dot matrix.
Multilanguage. Four keys for configuration and management of device.
Easy setup for quick commissioning.
User selectable application-specific visualizations.
Totalized and instantaneous flow indication.
Display may also indicate static pressure, sensor temperature and diagnostic messages and provides configuration facilities.

Integral display with Through-The-Glass (TTG) activated keypad (code L5)



As above integral display but equipped with the innovative TTG keypad allowing the activation of the configuration and management menus of the device without the need of removing the transmitter housing cover. TTG keypad is protected against accidental activations.

Optional surge protection

Up to 4kV

- voltage 1.2 μs rise time / 50 μs delay time to half value
- current 8 μs rise time / 20 μs delay time to half value

Process diagnostics (PILD)

Plugged impulse line detection (PILD) generates a warning via communication (HART, PA, FF). The device can be configured to drive the output to “Alarm current” or set a status “BAD”.

HART® digital communication and 4 to 20 mA output – Advanced functionality

Device type: $1a06_{hex}$ (listed with HCF)

Power supply

The transmitter operates from 10.5 to 42 V DC with no load and is protected against reverse polarity connection (additional load allows operations over 42 V DC).
For Ex ia and other intrinsically safe approval power supply must not exceed 30 V DC. Minimum operating voltage increases to 12.3 V DC with optional surge protector or to 10.8 V DC with optional conformity to NAMUR NE 21 (2004).

Ripple

20 mV max on a 250 Ω load as per HART specifications.

Load limitations

4 to 20 mA and HART total loop resistance :

$$R\ (k\Omega) = \frac{\text{Supply voltage} - \text{min. operating voltage (V DC)}}{22\ \text{mA}}$$

A minimum of 250 Ω is required for HART communication.

Output signal

Two–wire 4 to 20 mA, user-selectable for linear or square root output, power of $^3/_2$ or $^5/_2$, square root for bidirectional flow, 22 points linearization table (i.e. for horizontal or spherical tank level measurement). HART® communication provides digital process variable superimposed on 4 to 20 mA signal, with protocol based on Bell 202 FSK standard.
HART revision 7 is the default HART output.
HART revision 5 is selectable on request.

Output current limits (to NAMUR NE 43 standard)

Overload condition

- Lower limit: 3.8 mA (configurable from 3.8 to 4 mA)
- Upper limit: 20.5 mA (configurable from 20 to 21 mA)

Alarm current

- Lower limit: 3.6 mA (configurable from 3.6 to 4 mA)
- Upper limit: 21 mA (configurable from 20 to 23 mA, limited to 22 mA for HART Safety; apply for electronics release 7.1.15 or later)

Factory setting: high alarm current.

...Specification – electrical characteristics and options

FOUNDATION Fieldbus™ output

Device type

LINK MASTER DEVICE
Link Active Scheduler (LAS) capability implemented.
Manufacturer code: 000320_{hex}
Device type code: 0007_{hex}

Power supply

The transmitter operates from 9 to 32 V DC, polarity independent, with or without surge protector.
For Ex ia approval power supply must not exceed 24 V DC (FF–816 certification) or 17.5 V DC (FISCO certification).

Current consumption

operating (quiescent): 15 mA
fault current limiting: 20 mA max.

Output signal

Physical layer in compliance to IEC 61158–2/EN 61158–2.
Transmission to Manchester II modulation, at 31.25 kbit/s.

Function blocks / cycle time

3 extended analog input blocks / 25 ms max. (each)
1 extended PID block / 40 ms max.
1 Standard Arithmetic block / 25 ms
1 Standard Input Selector block / 25 ms
1 Standard Control Selector block / 25 ms
1 Standard Signal Characterization block / 25 ms
1 Standard Integrator / Totalizer block / 25 ms

Additional blocks

1 extended Resource Block
1 manufacturer–specific Pressure with Calibration Transducer Block
1 manufacturer–specific Advanced Diagnostics Transducer Block with recognition of clogged impulse lines
1 manufacturer–specific local display transducer Block

Number of link objects

35

Number of VCRs

35

Output interface

FOUNDATION fieldbus digital communication protocol to standard H1, compliant to specification V. 1.7.

Transmitter failure mode

The output signal is “frozen” to the last valid value on gross transmitter failure condition, detected by self-diagnostics which also indicate a BAD conditions. If electronic failure or short circuit occur the transmitter consumption is electronically limited at a defined value (20 mA approx), for safety of the network.

PROFIBUS® PA output

Device type

Pressure transmitter compliant to Profiles 3.0.1
Identification number: 3450 (hex)

Power supply

The transmitter operates from 9 to 32 V DC , polarity independent, with or without surge protector.
For Ex ia approval power supply must not exceed 17.5 V DC.
Intrinsic safety installation according to FISCO model.

Current consumption

operating (quiescent): 15 mA
fault current limiting: 20 mA max.

Output signal

Physical layer in compliance to IEC 61158–2/EN 61158–2.
Transmission to Manchester II modulation, at 31.25 kbit/s.

Output interface

PROFIBUS PA communication according to Profibus DP50170 Part 2/DIN 19245 part 1–3.

Output update time

25 ms

Data blocks

3 analog input, 1 physical.

Additional blocks

1 Pressure with calibration transducer block
1 Advanced Diagnostics transducer block including Plugged Input Line Detection
1 Local Display transducer block

Transmitter failure mode

On gross transmitter failure condition, detected by self-diagnostics, the output signal can be driven to defined conditions, selectable by the user as safe, last valid or calculated value.
If electronic failure or short circuit occur the transmitter consumption is electronically limited at a defined value (20 mA approx), for safety of the network.

Specification – performance

Stated at reference condition to IEC 60770 ambient temperature of 20 °C (68 °F), relative humidity of 65 %, atmospheric pressure of 1013 hPa (1013 mbar), mounting position with vertical diaphragm and zero based range for transmitter with isolating diaphragms in AISI 316 L ss or Hastelloy and silicone oil fill and HART digital trim values equal to 4 mA and to 20 mA span end points, in linear mode.
Unless otherwise specified, errors are quoted as % of span.
Some performance referring to the Upper Range Limit are affected by the actual turndown (TD) as ratio between Upper Range Limit (URL) and calibrated span.
IT IS RECOMMENDED TO SELECT THE TRANSMITTER SENSOR CODE PROVIDING THE TURNDOWN VALUE AS LOWEST AS POSSIBLE TO OPTIMIZE PERFORMANCE CHARACTERISTICS.

Accuracy rating

% of calibrated span, including combined effects of terminal based linearity, hysteresis and repeatability.
For fieldbus versions SPAN refer to analog input function block outscale range

Model	Sensor	For TD range	Measuring error
266MRT with seal(s) Mnemonic P3, F3, E3, S3, F2	F to R	From 1:1 to 10:1	± 0.04 %
	F to R	From 10:1 to 60:1	± (0.04 + 0.005 x TD - 0.05) %
	C	From 1:1 to 5:1	± 0.04 %
	C	From 5:1 to 10:1	± (0.008 x TD) %
266MRT with seal(s) Mnemonic different from above	F to R	From 1:1 to 10:1	± 0.065 %
	F to R	From 10:1 to 60:1	± (0.0065 x TD) %
	C	From 1:1 to 5:1	± 0.065 %
	C	From 5:1 to 10:1	± (0.013 x TD) %

Model	Sensor	For TD range	Measuring error
266GRT with seal(s) Mnemonic P3, F3, E3, S3, F2	F to V	From 1:1 to 10:1	± 0.04 %
	F to V	From 10:1 to 60:1	± (0.04 + 0.005 x TD - 0.05) %
	C	From 1:1 to 5:1	± 0.04 %
	C	From 5:1 to 10:1	± (0.008 x TD) %
266GRT with seal(s) Mnemonic different from above	F to V	From 1:1 to 10:1	± 0.065 %
	F to V	From 10:1 to 60:1	± (0.0065 x TD) %
	C	From 1:1 to 5:1	± 0.065 %
	C	From 5:1 to 10:1	± (0.013 x TD) %

Model	Sensor	For TD range	Measuring error
266ART with seal(s) Mnemonic P3, F3, E3, S3, F2	F to R	From 1:1 to 10:1	± 0.04 %
	F to R	From 10:1 to 20:1	± (0.04 + 0.005 x TD - 0.05) %
	C	From 1:1 to 5:1	± 0.04 %
266ART with seal(s) Mnemonic different from above	F to R	From 1:1 to 10:1	± 0.065 %
	F to R	From 10:1 to 20:1	± (0.0065 x TD) %
	C	From 1:1 to 5:1	± 0.065 %

Model	Pabs sensor (second sensor for 266MRT) Measuring range 41 MPa, 410 bar, 5,945 psi	
266MRT	C to R	80 kPa, 800 mbar, 321 inH2O

Ambient temperature

per 20K change between the limits of –40 °C to +85 °C (per 36 °F change between the limits of –40 to +185 °F):

Model	Sensor	For TD range	
266MRT	C to R	10:1	± (0.03 % URL + 0.045 % span)
266GRT	C and F	10:1	± (0.06 % URL + 0.09 % span)
266GRT	L to V	10:1	± (0.03 % URL + 0.045 % span)
266ART	C and F	5:1 (C) 10:1 (F)	± (0.06 % URL + 0.09 % span)
266ART	L to R	10:1	± (0.03 % URL + 0.045 % span)

Model 266MRT / Absolute pressure sensor

For the entire temperature range of 125 K, within the limits of –40 °C to 85 °C:

- **zero signal**
  For sensors C to R:
  40 kPa, 400 mbar, 160 inH2O
  (absolute pressure sensor 41MPa, 410 bar, 5945 psi)
- **measuring span**
  For sensors C to R:
  0.3 MPa, 3 bar, 43.5 psi
  (absolute pressure sensor 41 MPa, 410 bar, 5945 psi)

REFER TO S26 SEALS ERRORS IN NEXT PAGES FOR TEMPERATURE ADDITIONAL EFFECTS OF REMOTE/ DIRECT MOUNT SEAL(S)

Static pressure

Model 266MRT with diaphragm seal(s)
(zero signal errors may be calibrated out at operating pressure)

Measuring range	Sensors C, F, L, N	Sensor R
Zero signal error	Up to 100 bar: 0.05 % URL	Up to 100 bar: 0.1 % URL
	> 100 bar: 0.05 % URL/100 bar	> 100 bar: 0.1 % URL/100 bar
Span error	Up to 100 bar: 0.05 % span	Up to 100 bar: 0.1 % span
	> 100 bar: 0.05 % span/100 bar	> 100 bar: 0.1 % span/100 bar

Supply voltage

Within voltage/load specified limits the total effect is less than 0.005 % of URL per volt.

Load

Within load/voltage specified limits the total effect is negligible.

Electromagnetic field

Meets all the requirements of EN 61326 for surge immunity level (of NAMUR NE 21 on request).

Common mode interference

No effect from 100Vrms @ 50Hz, or 50 V DC

...Specification – performance

Seals temperature effects

The following table shows temperature effect per 20 K (36 °F) change, detailed separately for

- the seal (one element), as process temperature error
- the capillary per meter
- the system (transmitter sensor when combined with a seal of specific size/type, either direct mount or remote) referred to silicone oil (PMX 200) filling and AISI 316 L ss diaphragm materials.

For filling different from silicone oil (PMX 200) the errors can be multiplied by ratio between the thermal expansion coefficients of the selected filling divided by the one of PMX 200, listed in the fill fluid characteristics table.

THE ERRORS IN TABLE CAN BE CONSIDERED DIVIDED BY 4 FOR TRANSMITTERS USING SAME REMOTE SEAL ON THE TWO SIDES.

S26RA, S26RE, S26RJ rotating flange seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount system error (ambient)	Remote mount system error (ambient)	1 metre capillary error (ambient)
2 in / DN 50 / A50 - P2	40 kPa, 160 inH2O	0.23 kPa, 0.92 inH2O	0.16 kPa, 0.64 inH2O	0.14 kPa, 0.56 inH2O	0.11 kPa, 0.44 inH2O
2 in / DN 50 / A50 - P2	≥160 kPa, 642 inH2O	0.23 kPa, 0.92 inH2O	0.16 kPa, 0.64 inH2O	0.14 kPa, 0.56 inH2O	0.07 kPa, 0.28 inH2O
2 in / DN 50 - F2	≥ 4 kPa, 16 inH2O	0.05 kPa, 0.2 inH2O	0.04 kPa, 0.16 inH2O	0.04 kPa, 0.16 inH2O	0.03 kPa, 0.12 inH2O
2 in / DN 50 - E2	40 kPa, 160 inH2O	0.25 kPa, 1 inH2O	0.21 kPa, 0.84 inH2O	0.20 kPa, 0.80 inH2O	0.15 kPa, 0.60 inH2O
2 in / DN 50 - E2	≥160 kPa, 642 inH2O	0.25 kPa, 1 inH2O	0.21 kPa, 0.84 inH2O	0.20 kPa, 0.80 inH2O	0.10 kPa, 0.40 inH2O
3 / 4 in / DN 80 / 100 A80 / 100 - P3	4 - 16 kPa, 16 - 64 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O
3 / 4 in / DN 80 / 100 A80 / 100 - P3	≥ 40 kPa, 160 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.03 kPa, 0.12 inH2O
3 / 4 in / DN 80 / 100 - F3	≥ 4 kPa, 16 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.01 kPa, 0.04 inH2O
3 in / DN 80 - E3	≥ 4 kPa, 16 inH2O	0.14 kPa, 0.56 inH2O	0.05 kPa, 0.20 inH2O	0.05 kPa, 0.20 inH2O	0.04 kPa, 0.16 inH2O

S26RR rotating flange RJ seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount system error (ambient)	Remote mount system error (ambient)	1 metre capillary error (ambient)
1 1/2 in - P1.5	≥ 160 kPa, 642 inH2O	0.74 kPa, 3 inH2O	0.67 kPa, 2.68 inH2O	0.62 kPa, 2.48 inH2O	0.31 kPa, 1.24 inH2O
2 in - P2	40 kPa, 160 inH2O	0.23 kPa, 0.92 inH2O	0.16 kPa, 0.64 inH2O	0.14 kPa, 0.56 inH2O	0.11 kPa, 0.44 inH2O
2 in - P2	≥160 kPa, 642 inH2O	0.23 kPa, 0.92 inH2O	0.16 kPa, 0.64 inH2O	0.14 kPa, 0.56 inH2O	0.07 kPa, 0.28 inH2O
3 in - P3	4 - 16 kPa, 16 - 64 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O
3 in - P3	≥ 40 kPa, 160 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.03 kPa, 0.12 inH2O

S26FA, S26FE fixed flange seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount system error (ambient)	Remote mount system error (ambient)	1 metre capillary error (ambient)
2 in / DN 50 - P2	40 kPa, 160 inH2O	0.23 kPa, 0.92 inH2O	0.16 kPa, 0.64 inH2O	0.14 kPa, 0.56 inH2O	0.11 kPa, 0.44 inH2O
2 in / DN 50 - P2	≥160 kPa, 642 inH2O	0.23 kPa, 0.92 inH2O	0.16 kPa, 0.64 inH2O	0.14 kPa, 0.56 inH2O	0.07 kPa, 0.28 inH2O
2 in / DN 50 - F2	≥ 4 kPa, 16 inH2O	0.05 kPa, 0.2 inH2O	0.04 kPa, 0.16 inH2O	0.04 kPa, 0.16 inH2O	0.03 kPa, 0.12 inH2O
3 / 4 in / DN 80 / 100 - P3	4 - 16 kPa, 16 - 64 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O
3 / 4 in / DN 80 / 100 - P3	≥ 40 kPa, 160 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.03 kPa, 0.12 inH2O
3 / 4 in / DN 80 / 100 - F3	≥ 4 kPa, 16 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.01 kPa, 0.04 inH2O

S26MA, S26ME off-line flange seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount system error (ambient)	Remote system error (ambient)	1 metre capillary error (ambient)
2 1/2 in - T2.5	≥ 4 kPa, 16 inH2O	0.26 kPa, 1.04 inH2O	0.11 kPa, 0.44 inH2O	0.1 kPa, 0.4 inH2O	0.08 kPa, 0.32 inH2O

S26TT off-line threaded seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount system error (ambient)	Remote system error (ambient)	1 metre capillary error (ambient)
2 1/2 in - T2.5	≥ 4 kPa, 16 inH2O	0.26 kPa, 1.04 inH2O	0.11 kPa, 0.44 inH2O	0.1 kPa, 0.4 inH2O	0.08 kPa, 0.32 inH2O

S26SS sanitary and food seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount system error (ambient)	Remote system error (ambient)	1 metre capillary error (ambient)
2 in / F50 - S2	40 kPa, 160 inH2O	0.7 kPa, 2.8 inH2O	0.93 kPa, 3.72 inH2O	0.87 kPa, 3.48 inH2O	0.68 kPa, 2.72 inH2O
2 in / F50 - S2	≥160 kPa, 642 inH2O	0.7 kPa, 2.8 inH2O	0.93 kPa, 3.72 inH2O	0.87 kPa, 3.48 inH2O	0.44 kPa, 1.76 inH2O
2 in - S2.5	40 kPa, 160 inH2O	0.16 kPa, 0.64 inH2O	0.19 kPa, 0.76 inH2O	0.18 kPa, 0.72 inH2O	0.14 kPa, 0.56 inH2O
2 in - S2.5	≥160 kPa, 642 inH2O	0.16 kPa, 0.64 inH2O	0.19 kPa, 0.76 inH2O	0.18 kPa, 0.72 inH2O	0.09 kPa, 0.36 inH2O
3 / 4 in / F80 - S3	4 - 16 kPa, 16 - 64 inH2O	0.06 kPa, 0.24 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.01 kPa, 0.04 inH2O
3 / 4 in / F80 - S3	≥ 40 kPa, 160 inH2O	0.06 kPa, 0.24 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.03 kPa, 0.12 inH2O
3 / 4 in - S3.5	4 - 16 kPa, 16 - 64 inH2O	0.04 kPa, 0.16 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.01 kPa, 0.04 inH2O
3 / 4 in - S3.5	≥ 40 kPa, 160 inH2O	0.04 kPa, 0.16 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.03 kPa, 0.12 inH2O

S26VN saddle & socket seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount system error (ambient)	Remote mount error (ambient)	1 metre capillary error (ambient)
1 1/2 in - P1.5	≥ 160 kPa, 642 inH2O	0.74 kPa, 3 inH2O	0.67 kPa, 2.68 inH2O	0.62 kPa, 2.48 inH2O	0.31 kPa, 1.24 inH2O

S26WA, S26WE wafer seal size - Mnemonic	Sensor URL	Seal error (process)	Remote mount error (ambient)	1 metre capillary error (ambient)
1 1/2 in / DN 40 - P1.5	≥ 160 kPa, 642 inH2O	0.74 kPa, 3 inH2O	0.62 kPa, 2.48 inH2O	0.31 kPa, 1.24 inH2O
1 1/2 in / DN 40 - F1.5	≥ 160 kPa, 642 inH2O	0.15 kPa, 0.6 inH2O	0.15 kPa, 0.6 inH2O	0.08 kPa, 0.32 inH2O
2 in / DN 50 - P2	40 kPa, 160 inH2O	0.23 kPa, 0.92 inH2O	0.14 kPa, 0.56 inH2O	0.11 kPa, 0.44 inH2O
2 in / DN 50 - P2	≥160 kPa, 642 inH2O	0.23 kPa, 0.92 inH2O	0.14 kPa, 0.56 inH2O	0.07 kPa, 0.28 inH2O
2 in / DN 50 - F2	≥ 4 kPa, 16 inH2O	0.05 kPa, 0.2 inH2O	0.04 kPa, 0.16 inH2O	0.03 kPa, 0.12 inH2O
3 in / DN 80 - P3	4 - 16 kPa, 16 - 64 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O
3 in / DN 80 - P3	≥ 40 kPa, 160 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.03 kPa, 0.12 inH2O
3 in / DN 80 - F3	≥ 4 kPa, 16 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O	0.01 kPa, 0.04 inH2O

S26CN Chemical Tee seal size - Mnemonic	Sensor URL	Seal error (process)	Remote system error (ambient)	1 metre capillary error (ambient)
3 in - P3	4 - 16 kPa, 16 - 64 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.02 kPa, 0.08 inH2O
3 in - P3	≥ 40 kPa, 160 inH2O	0.08 kPa, 0.32 inH2O	0.02 kPa, 0.08 inH2O	0.03 kPa, 0.12 inH2O

S26BN Button type seal size - Mnemonic	Sensor URL	Seal error (process)	Remote system error (ambient)	1 metre capillary error (ambient)
1 in - B1	≥ 8 MPa, 1160 psi	1.3 kPa, 5.2 inH2O	6.5 kPa, 26 inH2O	1.9 kPa, 7.6 inH2O

S26UN Union connection seal size - Mnemonic	Sensor URL	Seal error (process)	Remote system error (ambient)	1 metre capillary error (ambient)
1 1/2 in - Z1.5	≥ 160 kPa, 642 inH2O	0.29 kPa, 1.16 inH2O	0.62 kPa, 2.48 inH2O	0.31 kPa, 1.24 inH2O

S26PN urea service seal size - Mnemonic	Sensor URL	Seal error (process)	Remote system error (ambient)	1 metre capillary error (ambient)
1 1/2 in - U1.5 (2 in flange)	≥ 160 kPa, 642 inH2O	0.86 kPa, 3.44 inH2O	1.1 kPa, 4.4 inH2O	0.54 kPa, 2.16 inH2O
2 1/2 in - U2.5 (3 in flange)	≥ 40 kPa, 160 inH2O	0.18 kPa, 0.72 inH2O	0.06 kPa, 0.24 inH2O	0.11 kPa, 0.44 inH2O

S26JN in-line seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount error (ambient)
1 in - J1	≥ 600 kPa, 87 psi	2.2 kPa, 8.8 inH2O	0.94 kPa, 3.76 inH2O
1 1/2 in - J1.5	≥ 600 kPa, 87 psi	1.4 kPa, 5.6 inH2O	0.36 kPa, 1.44 inH2O
2 in - J2	≥ 600 kPa, 87 psi	4.6 kPa, 18.4 inH2O	0.94 kPa, 3.76 inH2O
4 in - J3	≥ 600 kPa, 87 psi	3.0 kPa, 12 inH2O	0.42 kPa, 1.68 inH2O

S26KN paper seal size - Mnemonic	Sensor URL	Seal error (process)	Direct mount error (ambient)
1 in - Y1	≥ 160 kPa, 642 inH2O	1.2 kPa, 4.8 inH2O	0.64 kPa, 2.56 inH2O
1 in - M1	≥ 160 kPa, 642 inH2O	0.6 kPa, 2.4 inH2O	0.64 kPa, 2.56 inH2O
1 1/2 in M1.5 - M1.5A - M1.5B	≥ 40 kPa, 160 inH2O	0.2 kPa, 0.8 inH2O	0.48 kPa, 1.92 inH2O

Specification – physical

(Refer to ordering information pages for variant availability related to specific model or versions code)

Model 266MRT only – Side without diaphragm seal

Process isolating diaphragms*

AISI 316 L ss; Hastelloy® C-276; Monel 400®; Tantalum.
A remote seal can be selected with required diaphragm material (refer to high pressure side).

Process flanges, adapters, plugs and drain/vent valves*

AISI 316 L ss (*); Hastelloy® C-276 (**); Monel 400® .

Bolts and nuts

AISI 316 ss bolts Class A4–80 and nuts Class A4-70 per ISO 3506;
AISI 316 ss bolts and nuts Class A4–50 per ISO 3506, in compliance with NACE MR0175 Class II (std. static only).
Stainless steel per ASTM-A-453 grade 660D, in compliance with NACE MR0175 Class II (high static only).

Mounting bracket**

Galvanized C steel with chromium passivation; stainless steel AISI 316L.

Gaskets*

Viton® (FPM); Buna (NBR); EPDM; PTFE; graphite.

Model 266MRT, 266GRT, 266ART

Seal side process diaphragm (remote/direct mount seal)*

AISI 316 L ss; Hastelloy® C-276; Hastelloy® C-2000; Inconel 625; Tantalum; AISI 316 L ss gold plated;
AISI 316 L ss or Hastelloy® C-276 with anti-stick coating;
AISI 316 L ss with anti-corrosion coating;
Superduplex ss (UNS S32750 to ASTM SA479);
Diaflex (AISI with anti-abrasion treatment).

Extension material*

AISI 316 L ss (also for Diaflex and gold plated diaphragms); Hastelloy® C-276; AISI 316 L ss or Hastelloy® C-276 with coating same as diaphragm

Seal side fill fluid

Silicone oil-PMX 200®; Silicone oil for high temperature; Low viscosity silicone oil-Baysilone® M5; Inert-Galden®; Silicone Polymer-Syltherm XLT®; Glycerin Water; Vegetable oil-Neobee® M-20; Mineral oil-Esso Marcol 152®.

Electronic housing and covers

Aluminium alloy (copper content ≤ 0.3 %) with baked epoxy finish (colour RAL9002); AISI 316 L ss.

Covers O-ring

Buna N.

Local adjustments (zero, span and write protect)

For Standard HART version:

- Internal for zero and span (on connection board)
- External non-intrusive for zero, span and write protect in glass filled polyphenylene oxyde, removable (code R1).

For all other versions:

- External non-intrusive for zero, span and write protect in glass filled polyphenylene oxyde, removable.

Plates

Transmitter nameplate: AISI 316 ss screwed to the electronics housing.
Certification plate and optional tag/calibration plate : self-adhesive attached to the electronics housing or AISI 316 ss fastened to the electronics housing with rivets or screws.
Optional wired-on customer data plate: AISI 316 ss.
Laser printing on metal or thermal printing on self-adhesive.
For AISI 316 L ss housing it is mandatory to select option I2 or I3 for plates in AISI 316 ss.

Calibration

Standard:

- 0 to measuring range upper limit, for ambient temperature and atmospheric pressure

Optional:

- To specified measuring span

Device is delivered with a standard 4-point calibration record.

* Transmitter parts that come into contact with fluid.

** U-bolt material: stainless steel AISI 400;
screw material: high-strength alloy steel or stainless steel AISI 316.

Optional extras

Mounting brackets (code Bx)

For vertical and horizontal 60 mm (2 in) pipes or wall mounting

LCD display (code Lx)

Can be rotated in 90° increments into 4 positions

Additional tag plates (code Ix)

Code I2: For measuring point tag (up to 30 characters) and calibration specifications (up to 30 characters: lower and upper value plus unit), attached to transmitter housing.

Code I1: For customer data (4 lines with 30 characters each), attached to transmitter housing with wire.

Overvoltage protection (code S2)

Cleaning stage for oxygen application (O2) (code P1)

Certificates (inspection, implementation, characteristics, material certificate) (codes Cx and Hx)

Name plate and operating instruction language (codes Tx and Mx)

Communication plug connector (code Ux)

Valve manifold installation (code A1)

Factory installation and pressure test of the ABB M26 valve manifold.

Process connections

On standard process flange: 1/4-18 NPT on the process axis

Via adapter: 1/2-14 NPT on the process axis

Fastening screw threads: 7/16–20 UNF with 41.3 mm center distance

Refer to S26 pages for process connection variants through diaphragm seal.

Gasket seat finish for seals

Smooth (polished finish for ASME or EN): 0.8 µm (Ra)

Serrated (to ASME 16.5 flange standard): 3.2 to 6.3 µm (Ra)

Serrated (to EN 1092-1 Type B1): 3.2 to 12.5 µm (Ra)

Serrated (to EN 1092-1 Type D and E): according to standard

Electrical connections

Two 1/2-14 NPT or M20 x 1.5 threaded bores for cable glands, directly on housing.

Special communication connector (on request)

- HART: Straight or angled Harting Han 8D connector and one mating plug.
- FOUNDATION fieldbus, PROFIBUS PA: M12 x 1 or 7/8 in plug

Terminals

HART version: Three connections for signal / external display, for wire cross sections of up to 2.5 mm2 (14 AWG), and connection points for testing and communication purposes

Fieldbus versions: Two signal connections (bus connection) for wire cross sections of up to 2.5 mm2 (14 AWG)

Grounding

Internal and external ground terminals are provided for 6 mm2 (10 AWG) wire cross sections.

Mounting position

The transmitters can be installed in any position.

The electronic housing can be rotated into any position.

A stop is provided to prevent overturning.

Weight

(without options or diaphragm seal)

Model 266MRT: Approx. 3.7 kg (8.2 lb)

Models 266GRT, 266ART: Approx. 2 kg (4.4 lb)

Add 1.5 kg (3.3 lb) for stainless steel housings.

Add 650 g (1.5 lb) for packaging.

Take into account additional weight of up to 50 kg (110 lb) for diaphragm seals.

Packaging

Carton.

Specification – configuration

Transmitter with HART communication and 4 to 20 mA

Standard configuration

Transmitters are factory calibrated to customer's specified range. Calibrated range and tag number are stamped on the tag plate. If a calibration range and tag data are not specified, the transmitter will be supplied with the plate left blank and configured as follows:

Engineering Unit	kPa
4 mA	Zero
20 mA	Upper Range Limit (URL)
Output	Linear
Damping	1 s
Transmitter failure mode	Upscale
Tag	Blank (up to 32 alphanumeric characters - long; only 8 visible on display - short)
Optional LCD display	PV in kPa; output in mA and in percentage on bargraph

Any or all the above configurable parameters, including Lower range–value and Upper range-value which must be the same unit of measure, can be easily changed using the HART hand–held communicator or by a PC running the configuration software with DTM for 266 models. The transmitter database is customized with specified flange type and material, O–ring and drain/vent materials and meter code option.

Custom configuration (option N6)

The following data may be specified in addition to the standard configuration parameters:

Descriptor	16 alphanumeric characters
Message	32 alphanumeric characters
Date	Day, month, year

For HART protocol available engineering units of pressure measure are :
Pa, kPa, MPa
inH2O@4 °C, mmH2O@4 °C, psi
inH2O@68 °F, ftH2O@68 °F, mmH2O@68 °F
inHg, mmHg, Torr
g/cm^2, kg/cm^2, atm
mbar, bar
These and others are available for PROFIBUS and FOUNDATION Fieldbus.

Transmitter with FOUNDATION Fieldbus communication

Standard configuration

Transmitters are factory calibrated to customer's specified range. Calibrated range and tag number are stamped on the tag plate. If a calibration range and tag data are not specified, the transmitter will be supplied with the plate left blank and the analog input function block FB1 is configured as follows:

Measure Profile	Pressure
Engineering Unit	kPa
Output scale 0 %	Lower Range Limit (LRL)
Output scale 100 %	Upper Range Limit (URL)
Output	Linear
Hi-Hi Limit	Upper Range Limit (URL)
Hi Limit :	Upper Range Limit (URL)
Low Limit	Lower Range Limit (LRL)
Low-Low Limit	Lower Range Limit (LRL)
Limits hysteresis	0.5 % of output scale
PV filter time	0 s
Tag	PI000 (up to 32 alphanumeric characters; only 8 visible on display)
Optional LCD display	PV in kPa; output in percentage on bargraph

The analog input function block FB2 and FB3 are configured respectively for the sensor temperature measured in °C and for the static pressure measured in MPa.

Any or all the above configurable parameters, including the range values, can be changed using any host compliant to FOUNDATION fieldbus. The transmitter database is customized with specified flange type and material, O–ring and drain/vent materials and meter code option.

Custom configuration (option N6)

The following data may be specified in addition to the standard configuration parameters:

Descriptor	32 alphanumeric characters
Message	32 alphanumeric characters
Date	Day, month, year

Transmitter with PROFIBUS PA communication

Standard configuration

Transmitters are factory calibrated to customer's specified range. Calibrated range and tag number are stamped on the tag plate. If a calibration range and tag data are not specified, the transmitter will be supplied with the plate left blank and configured as follows:

Measure Profile	Pressure
Engineering Unit	kPa
Output scale 0 %	Lower Range Limit (LRL)
Output scale 100 %	Upper Range Limit (URL)
Output	Linear
Hi-Hi Limit	Upper Range Limit (URL)
Hi Limit	Upper Range Limit (URL)
Low Limit	Lower Range Limit (LRL)
Low-Low Limit	Lower Range Limit (LRL)
Limits hysteresis	0.5 % of output scale
PV filter	0 s
Address (set by local key)	126
Tag	PI000 (up to 32 alphanumeric characters; only 8 visible on display)
Optional LCD display	PV in kPa; output in percentage on bargraph

Any or all the above configurable parameters, including the range values which must be the same unit of measure, can be easily changed by a PC running the configuration software with DTM for 266 models.The transmitter database is customized with specified flange type and material, O–ring and drain/vent materials and meter code option.

Custom configuration (option N6)

The following data may be specified in addition to the standard configuration parameters:

Descriptor	32 alphanumeric characters
Message	32 alphanumeric characters
Date	Day, month, year

Dimensions

(not for construction unless certified) – dimensions in mm (in)

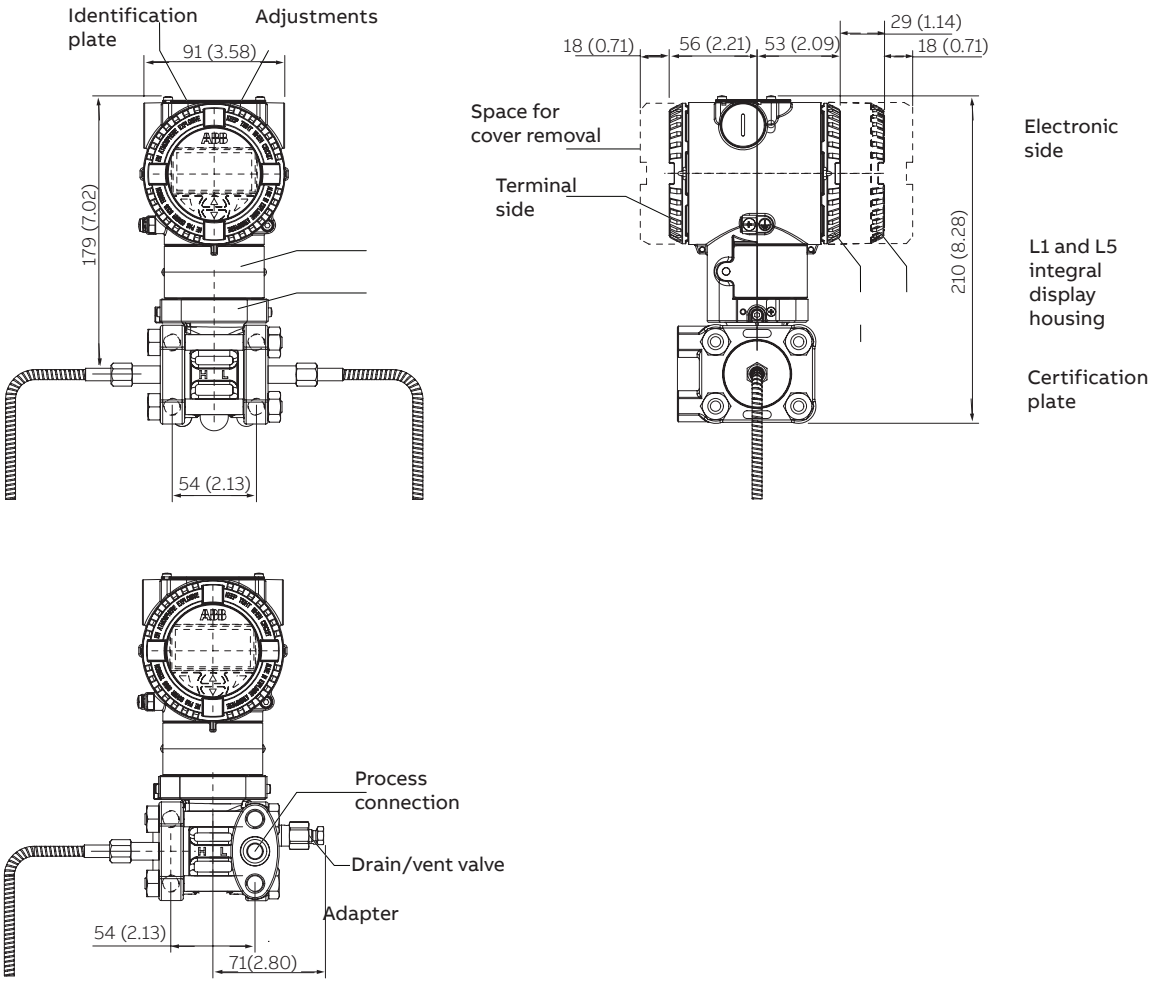


Figure 1 266MRT with barrel housing and remote seal(s)

Important
In the case of model 266MRT with only one diaphragm seal, the threaded connection (1/4 – 18 NPT direct or 1/2 – 14 NPT via adapter) of the standard process flange, the gasket groove, and the gasket comply with IEC 61518. The screw-on thread for attaching the adapter or other devices (e.g., manifold) to the process flange is 7/16-20 UNF.

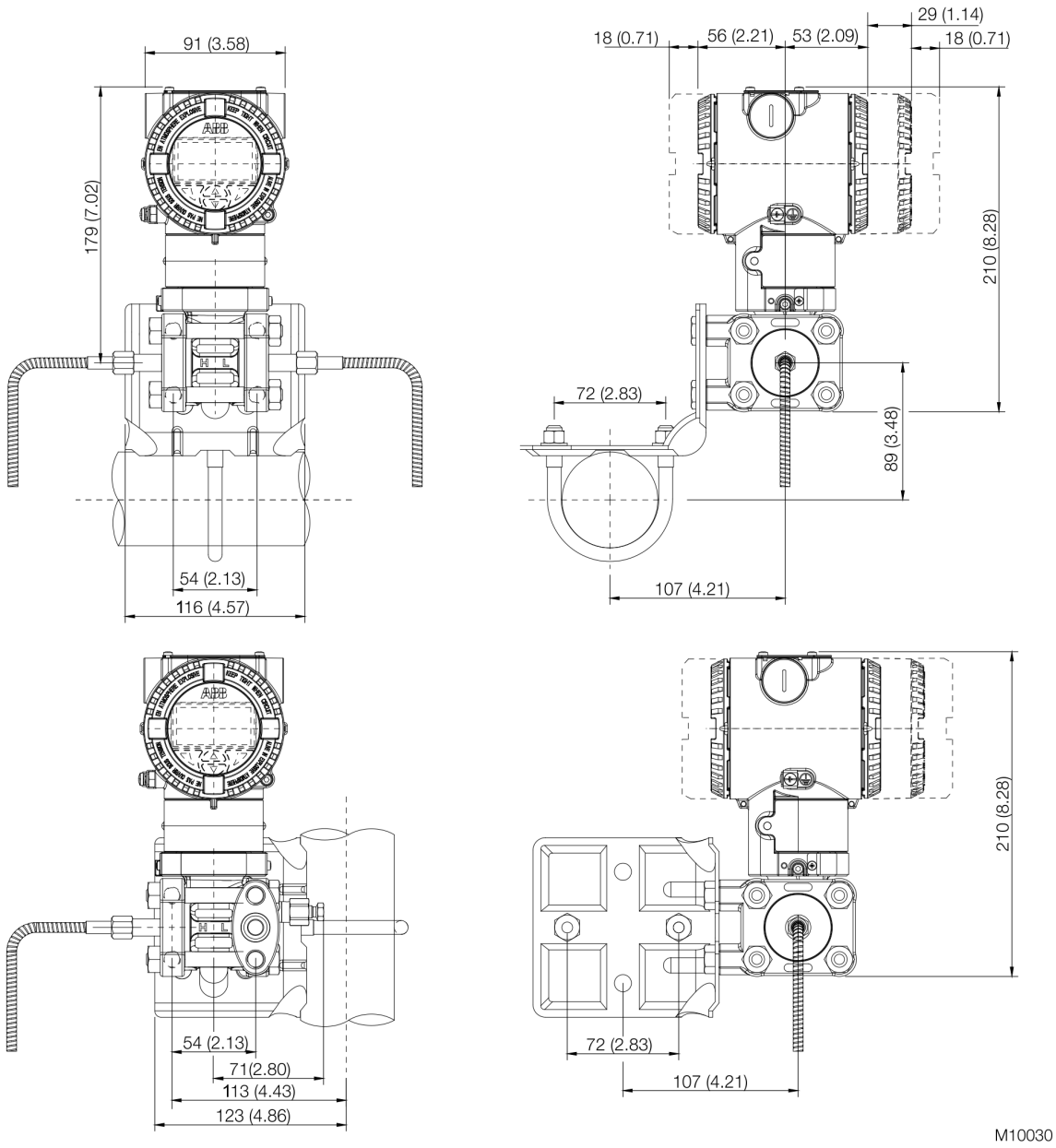


Figure 2 266MRT with barrel housing and remote seal(s) on bracket for vertical or horizontal 60 mm. (2 in) pipe

...Dimensions

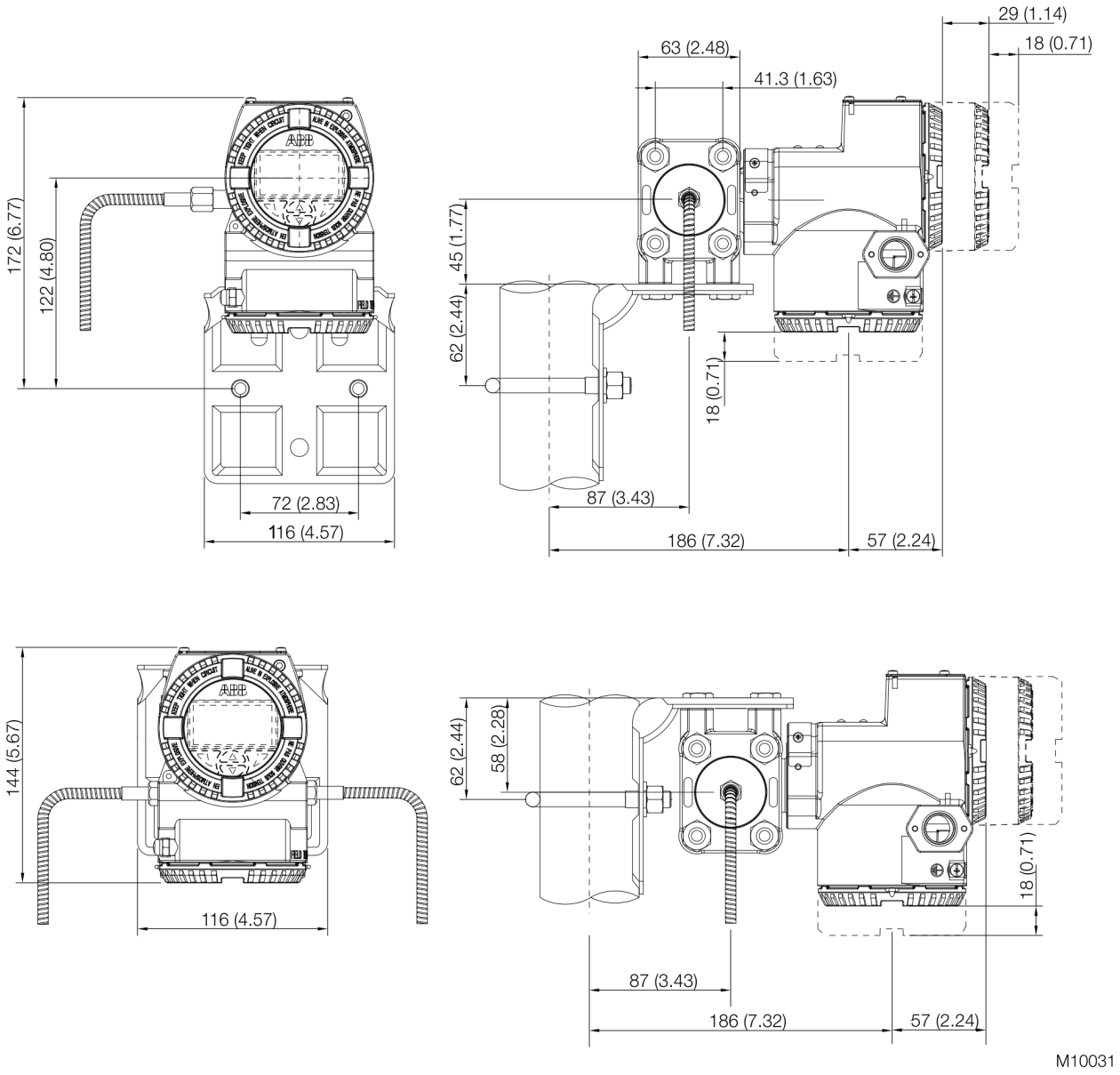


Figure 3 266MRT with DIN housing and remote seal(s) on bracket for vertical or horizontal 60 mm. (2 in) pipe

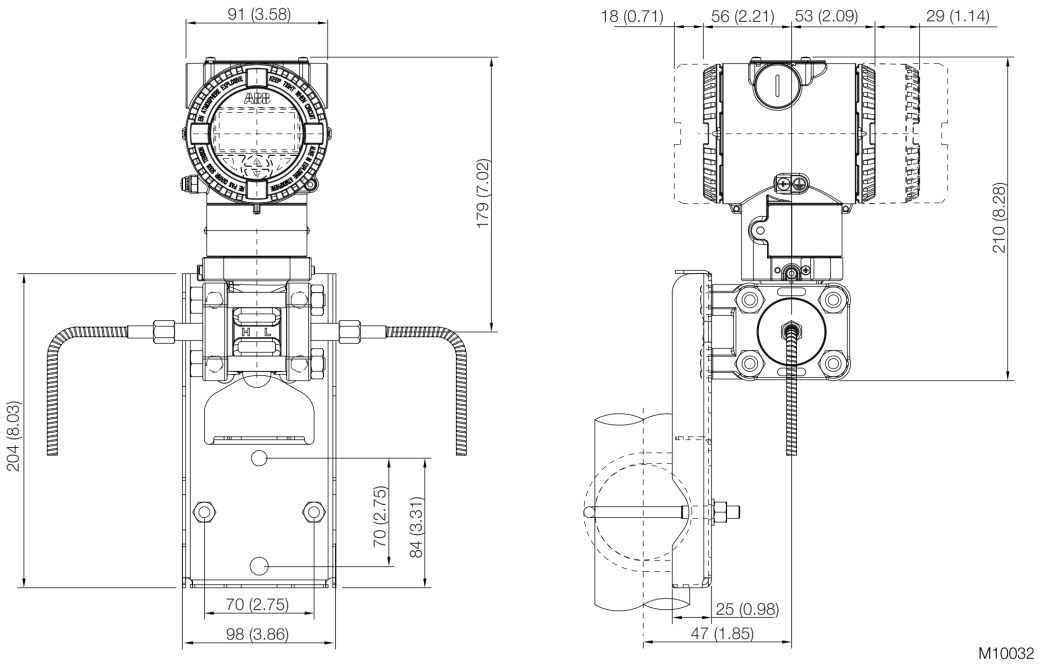


Figure 4 266MRT with barrel housing and remote seal(s) on flat bracket for vertical or horizontal 60 mm. (2 in) pipe

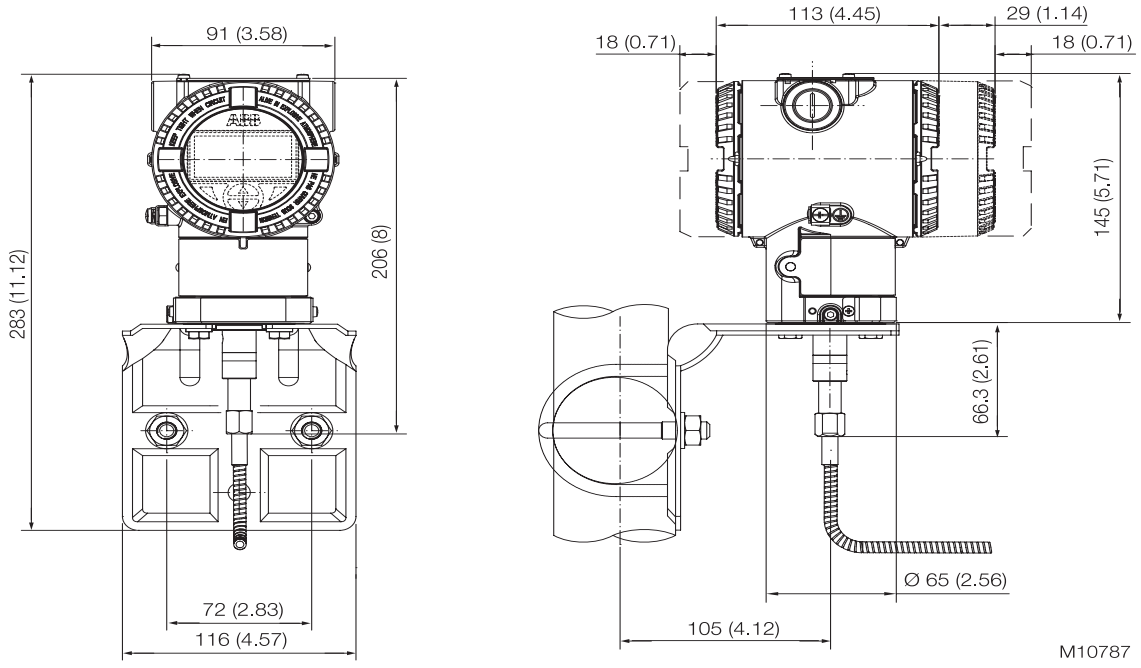


Figure 5 266GRT, 266ART with barrel housing and remote seal(s) on bracket for vertical or horizontal 60 mm. (2 in) pipe

...Dimensions

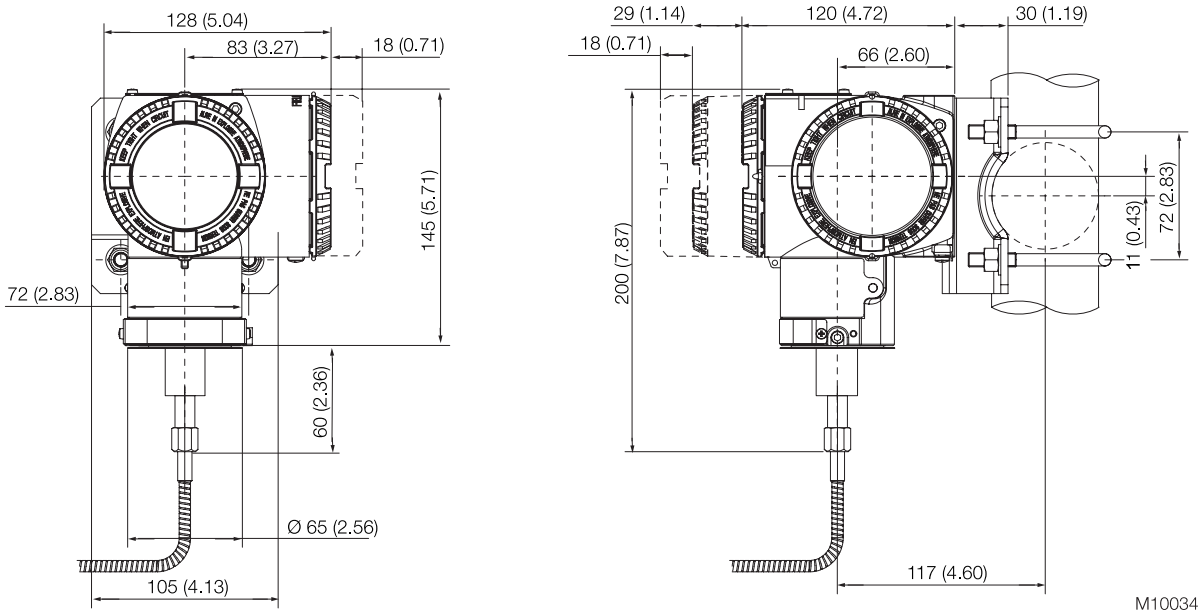


Figure 6 266GRT, 266ART with DIN housing and remote seal(s) on bracket for vertical or horizontal 60 mm. (2 in) pipe

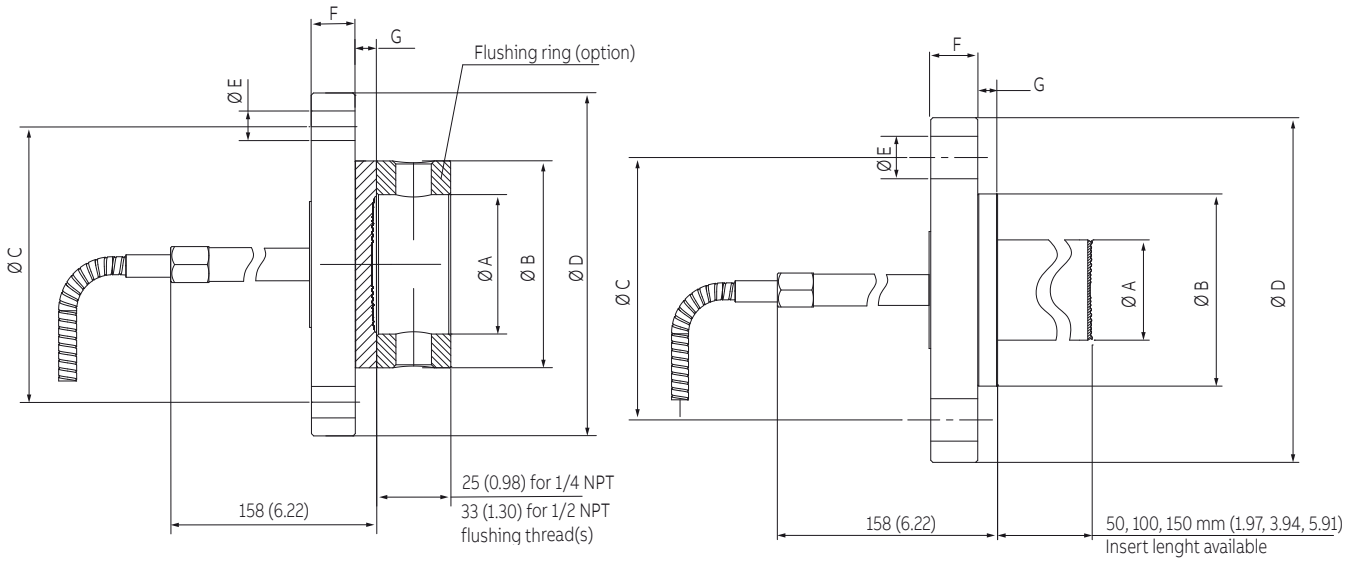


Figure 7 S26RA, S26RE, S26RJ Rotating flange diaphragm seals (flush and extended)

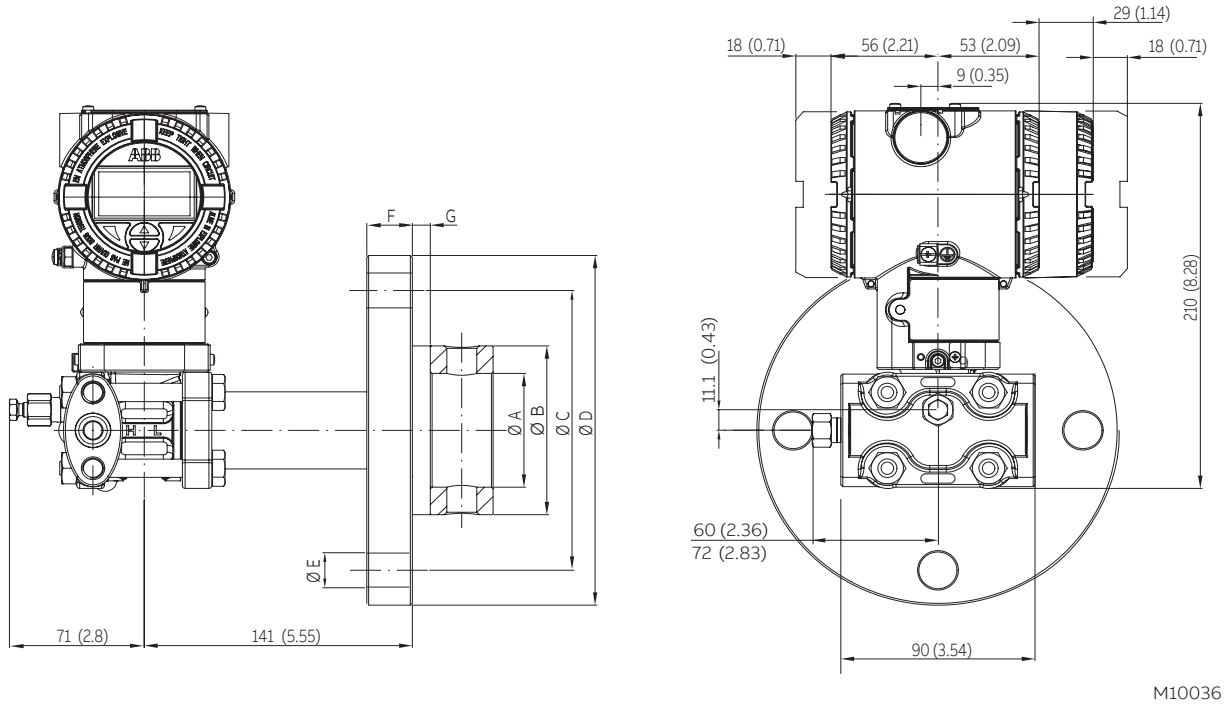


Figure 8 266MRT with barrel housing and direct mount seal S26RA/S26RE/S26RJ rotating flange Raised Face flush diaphragm

...Dimensions

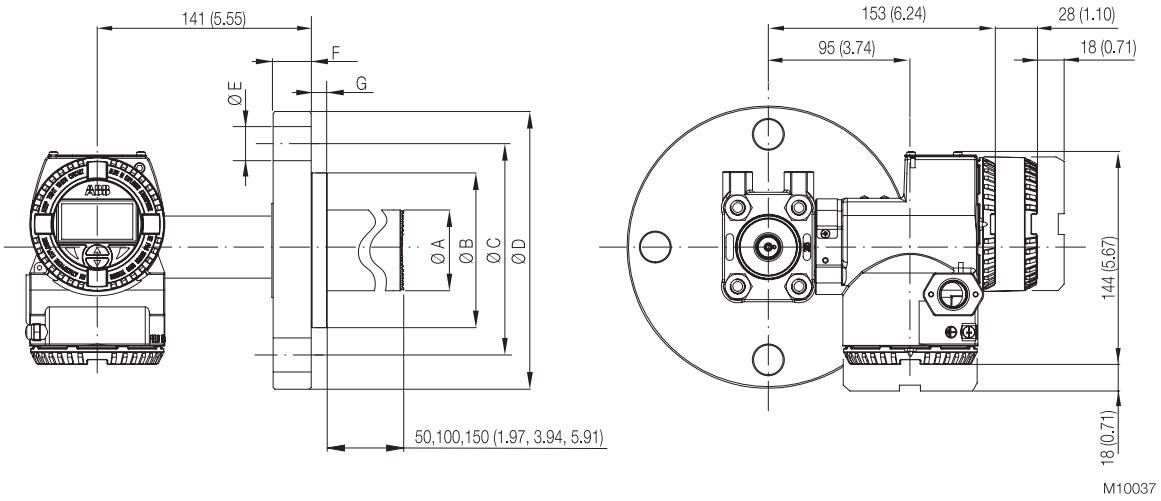


Figure 9 266MRT with DIN housing and direct mount seal S26RA/S26RE/S26RJ rotating flange Raised Face extended diaphragm

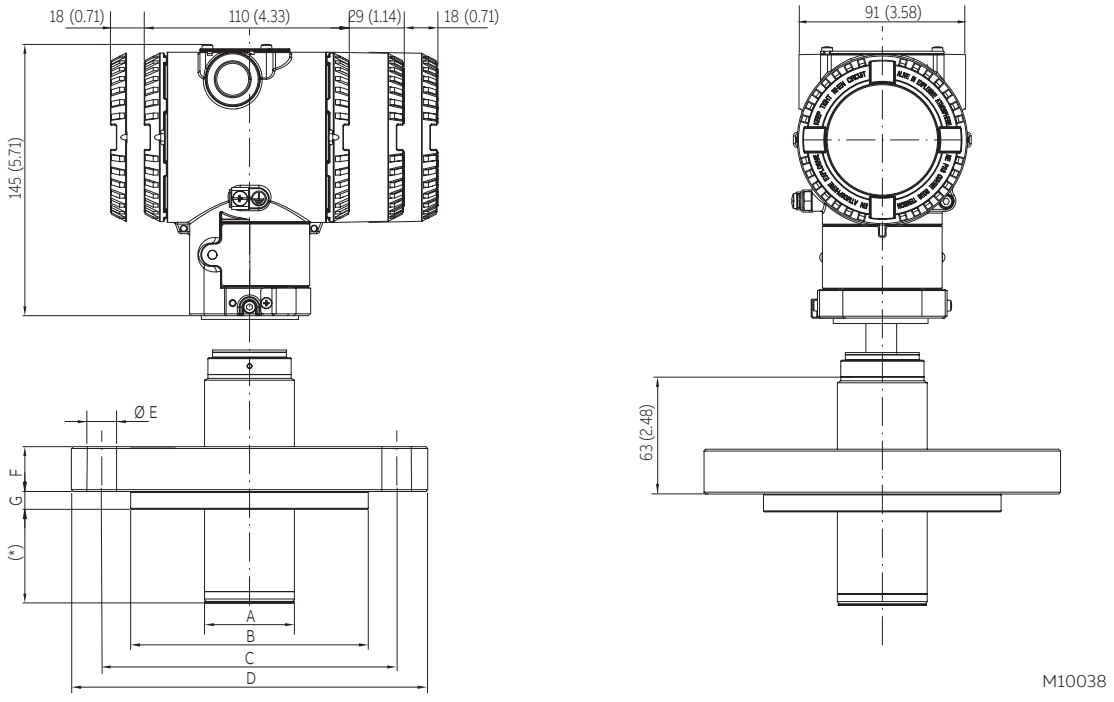


Figure 10 266GRT, 266ART with barrel housing and direct mount seal S26RA/S26RE/S26RJ flanged Raised Face extended diaphragm

Size/Rating	Dimensions mm (in) for S26RA										
	A (dia)				B (dia)	C (dia)	D (dia)	E (dia)	F (Note 1)	G	N° of holes
	extended diaphragm	flush diaphragm		flushing ring internal dia							
		std.	low thick.								
2 in. ASME CL 150	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	120.65 (4.75)	152.4 (6)	19.1 (0.79)	17.5 (0.6)	9.5 (0.37)	4
2 in. ASME CL 300	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	20.8 (0.8)	9.5 (0.37)	8
2 in. ASME CL 600	NA	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	25.4 (1)	9.5 (0.37)	8
2 in. ASME CL 900	NA	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	165 (6.5)	215.9 (8.5)	26 (1.02)	38.1 (1.5)	9.5 (0.37)	8
2 in. ASME CL 1500	NA	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	165 (6.5)	215.9 (8.5)	26 (1.02)	38.1 (1.5)	9.5 (0.37)	8
3 in. ASME CL 150	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	152.4 (6)	190.5 (7.5)	19.1 (0.79)	22.4 (0.88)	9.5 (0.37)	4
3 in. ASME CL 300	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.88)	26.9 (1.1)	9.5 (0.37)	8
3 in. ASME CL 600	NA	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.88)	31.8 (1.3)	9.5 (0.37)	8
3 in. ASME CL 900	NA	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	190.5 (7.5)	241 (9.48)	26 (1.02)	38.1 (1.5)	9.5 (0.37)	8
3 in. ASME CL1500	NA	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	203.2 (8)	266.7 (10.5)	31.75 (1.25)	47.7 (1.88)	9.5 (0.37)	8
4 in. ASME CL 150	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	157.2 (6.2)	190.5 (7.5)	228.6 (9)	19.1 (0.79)	22.4 (0.88)	9.5 (0.37)	8
4 in. ASME CL 300	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	157.2 (6.2)	200.2 (7.88)	254 (10)	22 (0.86)	30.2 (1.19)	9.5 (0.37)	8

Size/Rating	Dimensions mm (in) for S26RE										
	A (dia)				B (dia)	C (dia)	D (dia)	E (dia)	F (Note 2)	G	N° of holes
	extended diaphragm	flush diaphragm		flushing ring internal dia							
		std.	low thick.								
DN 50 EN PN 16	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	15 (0.58)	9.5 (0.37)	4
DN 50 EN PN 40	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	18 (0.67)	9.5 (0.37)	4
DN 50 EN PN 63	NA	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	135 (5.31)	180 (7.08)	22 (0.86)	23 (0.9)	9.5 (0.37)	4
DN 50 EN PN 100	NA	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	145 (5.71)	195 (7.67)	26 (1.02)	27 (1.06)	9.5 (0.37)	4
DN 80 EN PN 16	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	17 (0.67)	9.5 (0.37)	8
DN 80 EN PN 40	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	21 (0.83)	9.5 (0.37)	8
DN 80 EN PN 63	NA	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	170 (6.7)	215 (8.46)	22 (0.86)	25 (0.98)	9.5 (0.37)	8
DN 80 EN PN 100	NA	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	180 (7.08)	230 (9.05)	26 (1.02)	33 (1.3)	9.5 (0.37)	8
DN 100 EN PN 16	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	158 (6.22)	180 (7.08)	220 (8.66)	18 (0.71)	17 (0.67)	9.5 (0.37)	8
DN 100 EN PN 40	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	162 (6.38)	190 (7.48)	235 (9.25)	22 (0.86)	21 (0.83)	9.5 (0.37)	8

Size/Rating	Dimensions mm (in) for S26RJ							
	A (dia) flush diaphragm	B (dia)	C (dia)	D (dia)	E (dia)	F (Note 3)	G	N° of holes
A50 Class 10K	60 (2.36)	96 (3.78)	120 (4.72)	155 (6.1)	19 (0.75)	16 (0.63)	9.5 (0.37)	4
A50 Class 20K	60 (2.36)	96 (3.78)	120 (4.72)	155 (6.1)	19 (0.75)	18 (0.71)	9.5 (0.37)	8
A50 Class 40K	60 (2.36)	104.3 (4.11)	130 (5.12)	165 (6.5)	19 (0.75)	26 (1.02)	9.5 (0.37)	8
A80 Class 10K	89 (3.5)	126 (4.96)	150 (5.91)	185 (7.28)	19 (0.75)	18 (0.71)	9.5 (0.37)	8
A80 Class 20K	89 (3.5)	132 (5.2)	160 (6.3)	200 (7.87)	23 (0.91)	22 (0.87)	9.5 (0.37)	8
A80 Class 40K	89 (3.5)	139.4 (5.49)	170 (6.69)	210 (8.27)	23 (0.91)	32 (1.26)	9.5 (0.37)	8
A100 Class 10K	89 (3.5)	151 (5.94)	175 (6.89)	210 (8.27)	19 (0.75)	18 (0.71)	9.5 (0.37)	8
A100 Class 20K	89 (3.5)	160 (6.3)	185 (7.28)	225 (8.86)	23 (0.91)	24 (0.94	9.5 (0.37)	8

Note 1 - Flange thickness tolerance is +3.0 / -0.0 mm (+0.12 / 0.0 in).
Note 2 - Flange thickness tolerance is +1.0 / -1.3 mm (+0.04 / 0.05 in) up to 18 mm or ±1.5 mm (±0.06 in) from 18 to 50 mm.
Note 3 - Flange thickness tolerance is +1.5 / -0.0 mm (+0.06 / 0.0 in) up to Class 20K or +2.0 / -0.0 mm (+0.08 / 0.0 in) from Class 20K to Class 50K.

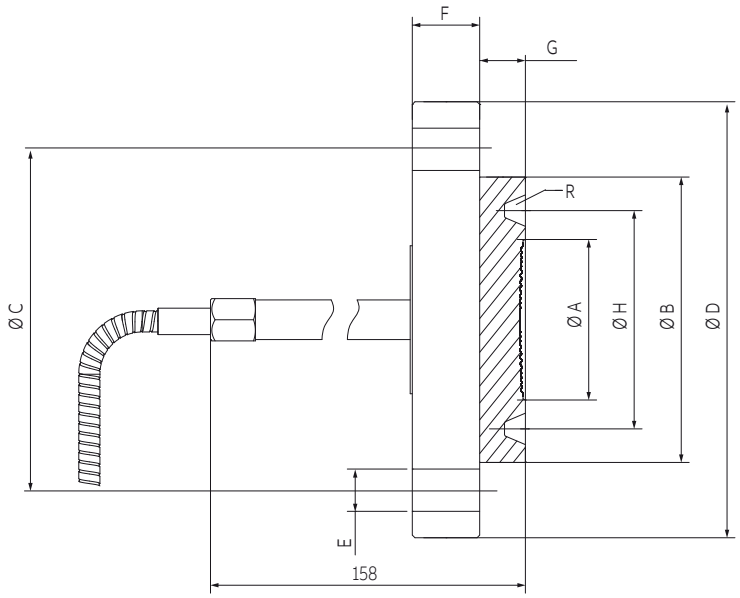


Figure 11 S26RR Rotating flange diaphragm seals - Ring Joint (RJ)

Size/Rating	Dimensions mm. (in.) for S26RR									
	A (dia)	B (dia)	C (dia)	D (dia)	E (dia)	F	G	H (dia)	R	N° of holes
1-1/2 in. ASME CL 150	48 (1.89)	83 (3.27)	98.6 (3.88)	127 (5)	15.75 (0.62)	17.5 (0.69)	17.3 (0.68)	65.1 (2.56)	R19	4
1-1/2 in. ASME CL 300	48 (1.89)	90 (3.54)	114.3 (4.5)	155.5 (6.12)	22.35 (0.88)	20.6 (0.81)	17.3 (0.68)	68.3 (2.69)	R20	4
1-1/2 in. ASME CL 600	48 (1.89)	90 (3.54)	114.3 (4.5)	155.5 (6.12)	22.35 (0.88)	22.4 (0.88)	17.3 (0.68)	68.3 (2.69)	R20	4
1-1/2 in. ASME CL 900/1500	48 (1.89)	92 (3.62)	124 (4.88)	177.8 (7)	28.45 (1.12)	31.8 (1.25)	20.8 (0.82)	68.3 (2.69)	R20	4
1-1/2 in. ASME CL 2500	48 (1.89)	114 (4.49)	146.1 (5.75)	203.2 (8)	31.75 (1.25)	44.5 (1.75)	20.8 (0.82)	82.6 (3.25)	R23	4
2 in. ASME CL 150	60 (2.36)	102 (4.02)	120.65 (4.75)	152.4 (6)	19.05 (0.75)	19.05 (0.75)	17.3 (0.68)	82.6 (3.25)	R22	4
2 in. ASME CL 300	60 (2.36)	108 (4.25)	127 (5)	165.1 (6.5)	19.05 (0.75)	22.35 (0.88)	17.3 (0.68)	82.6 (3.25)	R23	8
2 in. ASME CL 600	60 (2.36)	108 (4.25)	127 (5)	165.1 (6.5)	19.05 (0.75)	25.4 (1)	17.3 (0.68)	82.6 (3.25)	R23	8
2 in. ASME CL 900/1500	60 (2.36)	124 (4.88)	165 (6.5)	215.9 (8.5)	25.4 (1)	38.1 (1.5)	20.8 (0.82)	95.3 (3.75)	R24	8
2 in. ASME CL 2500	60 (2.36)	133 (5.24)	171.5 (6.75)	235 (9.25)	28.45 (1.12)	50.8 (2)	20.8 (0.82)	101.6 (4)	R26	8
3 in. ASME CL 150	89 (3.5)	133 (5.24)	152.4 (6)	190.5 (7.5)	19.05 (0.75)	23.87 (0.94)	17.3 (0.68)	114.3 (4.5)	R29	4
3 in. ASME CL 300	89 (3.5)	146 (5.75)	168.15 (6.62)	209.55 (8.25)	22.35 (0.88)	28.44 (1.12)	17.3 (0.68)	123.8 (4.87)	R31	8
3 in. ASME CL 600	89 (3.5)	146 (5.75)	168.15 (6.62)	209.55 (8.25)	22.35 (0.88)	31.75 (1.25)	17.3 (0.68)	123.8 (4.87)	R31	8
3 in. ASME CL 900	89 (3.5)	155 (6.10)	190.5 (7.5)	241.3 (9.5)	25.4 (1)	38.1 (1.50)	20.8 (0.82)	123.8 (4.87)	R31	8
3 in. ASME CL 1500	89 (3.5)	168 (6.61)	203.2 (8)	266.7 (10.5)	31.75 (1.25)	47.8 (1.88)	20.8 (0.82)	136.5 (5.37)	R35	8
3 in. ASME CL 2500	89 (3.5)	168 (6.61)	228.6 (9)	304.8 (12)	35.05 (1.38)	66.5 (2.62)	20.8 (0.82)	127 (5)	R32	8

...Dimensions

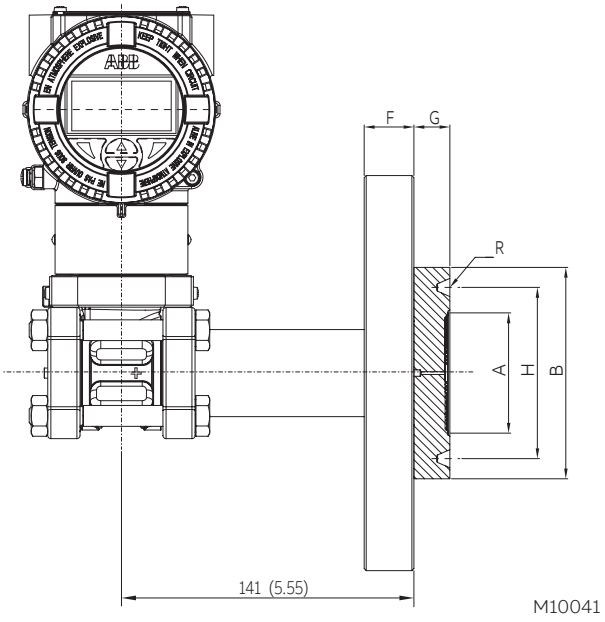


Figure 12 **266MRT with barrel housing and direct mount seal S26RR flanged Ring Joint flush diaphragm**

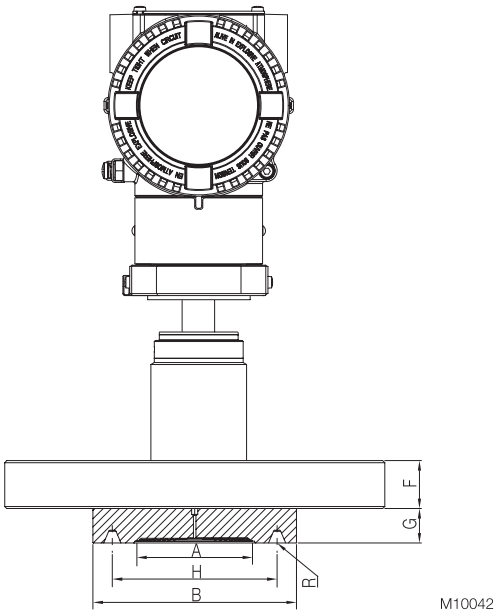


Figure 13 **266GRT, 266ART with barrel housing and direct mount seal S26RR flanged Ring Joint flush diaphragm**

...Dimensions

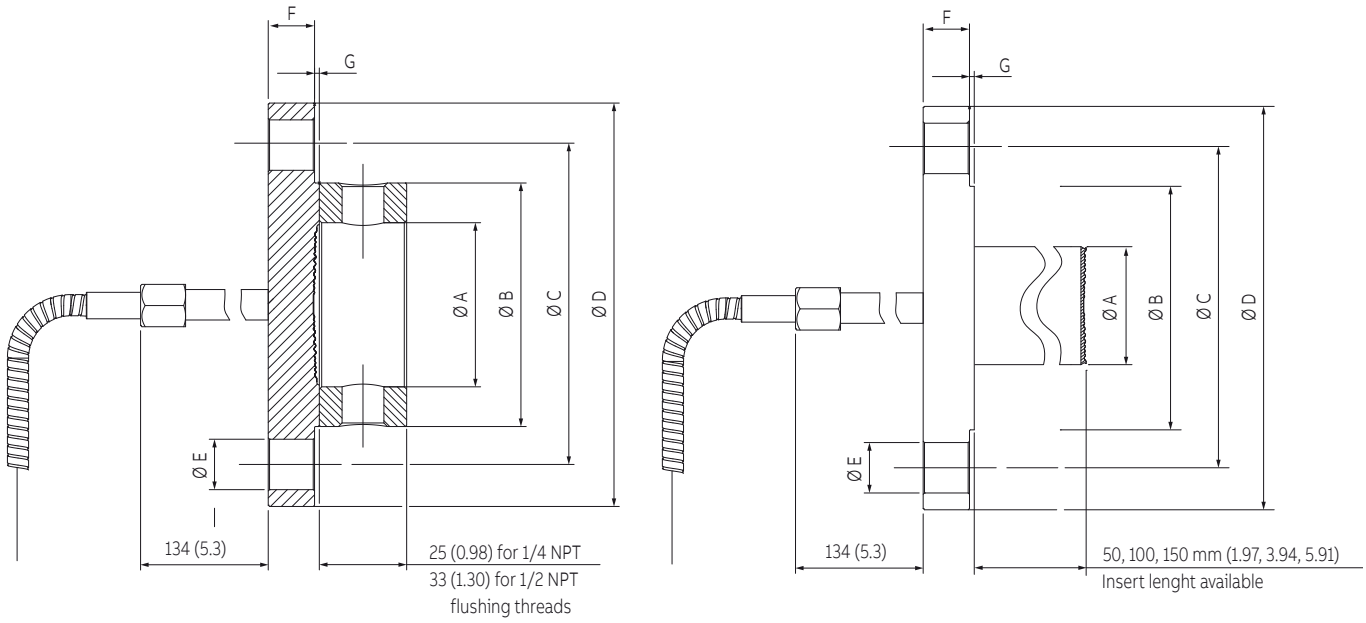


Figure 14 S26FA, S26FE Fixed flange diaphragm seals ASME and EN 1092-1 smooth and Form B1 (flushing ring as option, only for flush version)

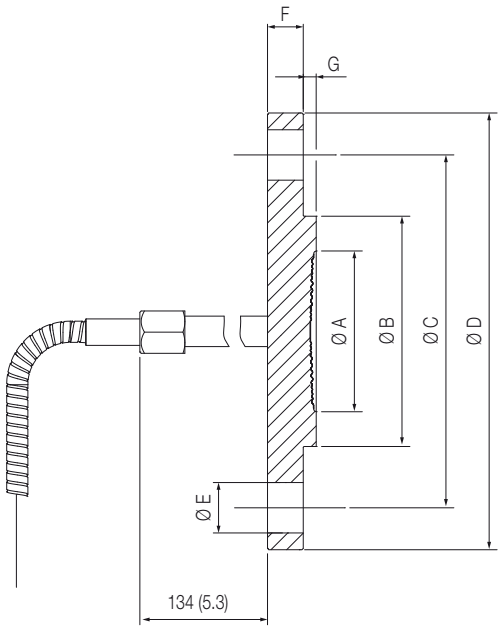


Figure 15 S26FA, S26FE Fixed flange diaphragm seals EN 1092-1 Form E

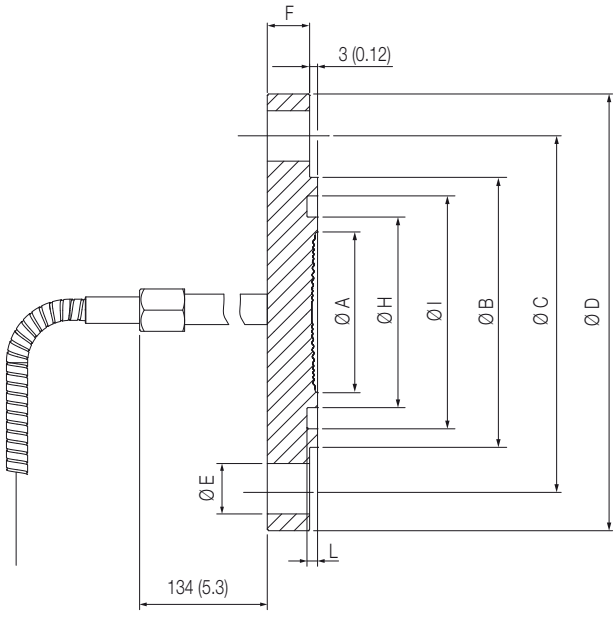


Figure 16 S26FA, S26FE Fixed flange diaphragm seals EN 1092-1 Form D

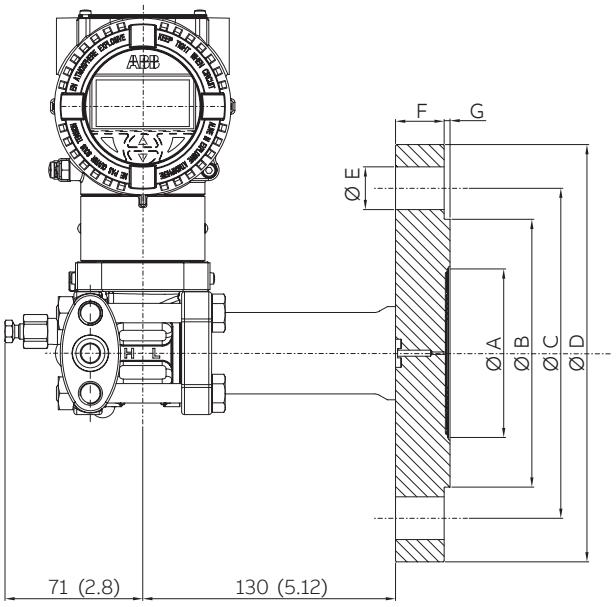


Figure 17 **266MRT with barrel housing and direct mount seal S26FA/S26FE fixed flange Raised Face flush diaphragm ASME and EN 1092/1 smooth and Form B1 (flushing ring as option, only for flush version); Form E**

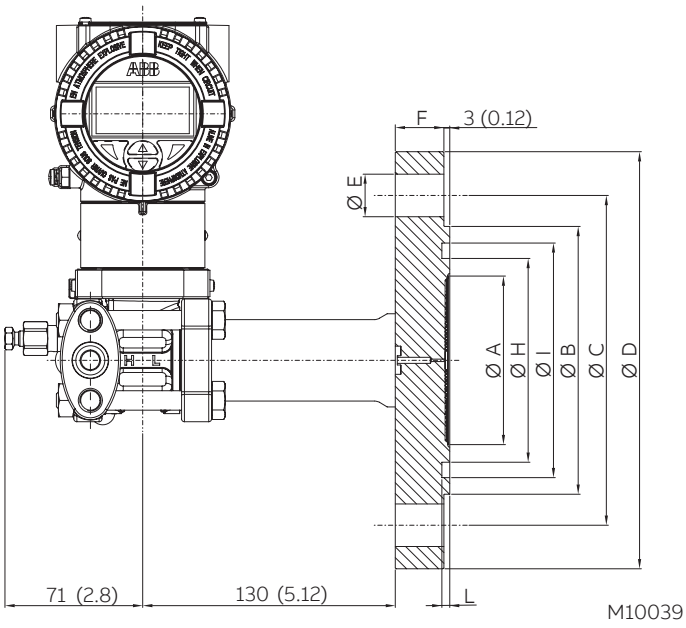


Figure 18 **266MRT with barrel housing and direct mount seal S26FA/S26FE fixed flange Raised Face flush diaphragm EN 1092/1 Form D**

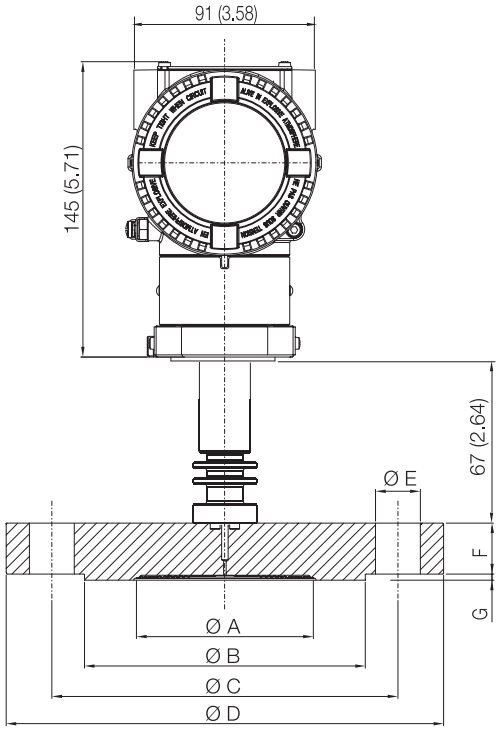


Figure 19 **266GRT, 266ART with barrel housing and direct mount seal S26FA/S26FE fixed flange Raised Face ASME and EN 1092/1 smooth and Form B1; Form E (extension not available).**

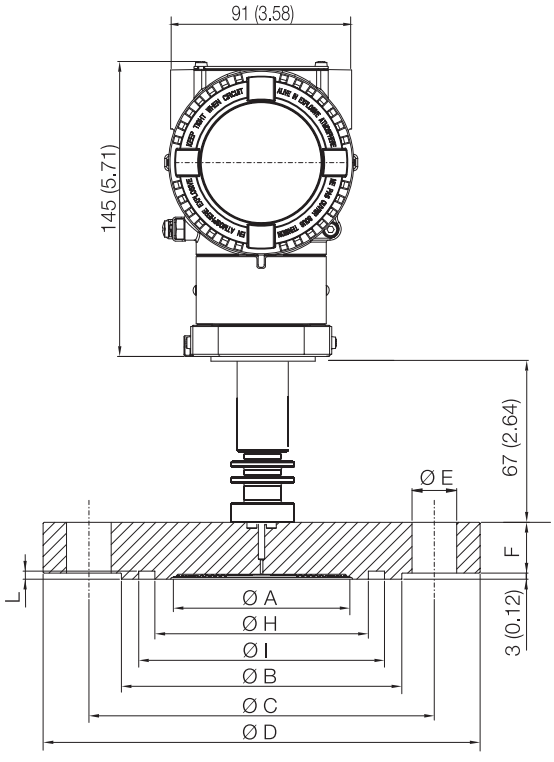


Figure 20 **266GRT, 266ART with barrel housing and direct mount seal S26FA/S26FE fixed flange Raised Face EN 1092/1 Form D**

...Dimensions

Size/Rating	Dimensions mm (in) for S26FA										
	A (dia)										N° of holes
	extended diaphragm	flush diaphragm		flushing ring internal dia	B (dia)	C (dia)	D (dia)	E (dia)	F (Note 1)	G	
		std.	low thick.								
2 in. ASME CL 150	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	120.65 (4.75)	152.4 (6)	19.1 (0.79)	17.5 (0.6)	2 (0.08)	4
2 in. ASME CL 300	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	20.8 (0.8)	2 (0.08)	8
2 in. ASME CL 600	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	92 (3.62)	127 (5)	165.1 (6.5)	19.1 (0.79)	25.4 (1)	7 (0.27)	8
3 in. ASME CL 150	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	152.4 (6)	190.5 (7.5)	19.1 (0.79)	22.4 (0.88)	2 (0.08)	4
3 in. ASME CL 300	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.86)	26.9 (1.1)	2 (0.08)	8
3 in. ASME CL 600	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	127 (5)	168.15 (6.62)	209.6 (8.25)	22.4 (0.86)	31.8 (1.3)	7 (0.27)	8
4 in. ASME CL 150	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	157.2 (6.2)	190.5 (7.5)	228.6 (9)	19.1 (0.79)	22.4 (0.88)	2 (0.08)	8

Size/Rating	Dimensions mm (in) for S26FE smooth and Form B1										
	A (dia)										N° of holes
	extended diaphragm	flush diaphragm		flushing ring internal dia	B (dia)	C (dia)	D (dia)	E (dia)	F (Note 2)	G	
		std.	low thick.								
DN 50 EN PN 16	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	15 (0.58)	3 (0.12)	4
DN 50 EN PN 40	48 (1.9)	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	18 (0.67)	3 (0.12)	4
DN 50 EN PN 63	NA)	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	135 (5.31)	180 (7.08)	22 (0.86)	23 (0.9)	3 (0.12)	4
DN 50 EN PN 100	NA	60 (2.36)	58 (2.28)	62 (2.44)	102 (4.02)	145 (5.71)	195 (7.67)	26 (1.02)	27 (1.06)	3 (0.12)	4
DN 80 EN PN 16	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	17 (0.67)	3 (0.12)	8
DN 80 EN PN 40	72 (2.83)	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	21 (0.83)	3 (0.12)	8
DN 80 EN PN 63	NA	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	170 (6.7)	215 (8.46)	22 (0.86)	25 (0.98)	3 (0.12)	8
DN 80 EN PN 100	NA	89 (3.5)	75 (2.95)	92 (3.62)	138 (5.43)	180 (7.08)	230 (9.05)	26 (1.02)	33 (1.3)	3 (0.12)	8
DN 100 EN PN 16	94 (3.7)	89 (3.5)	75 (2.95)	92 (3.62)	158 (6.22)	180 (7.08)	220 (8.66)	18 (0.71)	17 (0.67)	3 (0.12)	8

Size/Rating	Dimensions mm (in) for S26FE Form E								
	diaphragm A (dia)		B (dia)	C (dia)	D (dia)	E (dia)	F (Note 2)	G	N° of holes
	std. thickness	low thickness							
DN 50 EN PN 16	60 (2.36)	58 (2.28)	87 (3.42)	125 (4.92)	165 (6.5)	18 (0.71)	13.5 (0.53)	4.5 (0.18)	4
DN 50 EN PN 40	60 (2.36)	58 (2.28)	87 (3.42)	125 (4.92)	165 (6.5)	18 (0.71)	15.5 (0.61)	4.5 (0.18)	4
DN 50 EN PN 63	60 (2.36)	58 (2.28)	87 (3.42)	135 (5.31)	180 (7.08)	22 (0.86)	21.5 (0.85)	4.5 (0.18)	4
DN 50 EN PN 100	60 (2.36)	58 (2.28)	87 (3.42)	145 (5.71)	195 (7.67)	26 (1.02)	25.5 (1)	4.5 (0.18)	4
DN 80 EN PN 16	89 (3.5)	75 (2.95)	120 (4.72)	160 (6.3)	200 (7.87)	18 (0.71)	15.5 (0.61)	4.5 (0.18)	8
DN 80 EN PN 40	89 (3.5)	75 (2.95)	120 (4.72)	160 (6.3)	200 (7.87)	18 (0.71)	19.5 (0.77)	4.5 (0.18)	8
DN 80 EN PN 63	89 (3.5)	75 (2.95)	120 (4.72)	170 (6.7)	215 (8.46)	22 (0.86)	23.5 (0.92)	4.5 (0.18)	8
DN 80 EN PN 100	89 (3.5)	75 (2.95)	120 (4.72)	180 (7.08)	230 (9.05)	26 (1.02)	31.5 (1.24)	4.5 (0.18)	8

Size/Rating	Dimensions mm (in) for S26FE Form D										
	diaphragm A (dia)		B (dia)	C (dia)	D (dia)	E (dia)	F (Note 2)	H (dia)	I (dia)	L	N° of holes
	std. thickness	low thickness									
DN 50 EN PN 16	60 (2.36)	58 (2.28)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	15 (0.59)	72 (2.83)	88 (3.46)	4 (0.16)	4
DN 50 EN PN 40	60 (2.36)	58 (2.28)	102 (4.02)	125 (4.92)	165 (6.5)	18 (0.71)	18 (0.71)	72 (2.83)	88 (3.46)	4 (0.16)	4
DN 50 EN PN 63	60 (2.36)	58 (2.28)	102 (4.02)	135 (5.31)	180 (7.08)	22 (0.86)	23 (0.91)	72 (2.83)	88 (3.46)	4 (0.16)	4
DN 50 EN PN 100	60 (2.36)	58 (2.28)	102 (4.02)	145 (5.71)	195 (7.67)	26 (1.02)	27 (1.06)	72 (2.83)	88 (3.46)	4 (0.16)	4
DN 80 EN PN 16	89 (3.5)	75 (2.95)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	17 (0.67)	105 (4.13)	121 (4.76)	4 (0.16)	8
DN 80 EN PN 40	89 (3.5)	75 (2.95)	138 (5.43)	160 (6.3)	200 (7.87)	18 (0.71)	21 (0.83)	105 (4.13)	121 (4.76)	4 (0.16)	8
DN 80 EN PN 63	89 (3.5)	75 (2.95)	138 (5.43)	170 (6.7)	215 (8.46)	22 (0.86)	25 (0.92)	105 (4.13)	121 (4.76)	4 (0.16)	8
DN 80 EN PN 100	89 (3.5)	75 (2.95)	138 (5.43)	180 (7.08)	230 (9.05)	26 (1.02)	33 (1.3)	105 (4.13)	121 (4.76)	4 (0.16)	8

Note 1 - Flange thickness tolerance is +3.0 / -0.0 mm (+0.12 / 0.0 in).
Note 2 - Flange thickness tolerance is +1.0 / -1.3 mm (+0.04 / 0.05 in) up to 18 mm or ±1.5 mm (±0.06 in) from 18 to 50 mm.

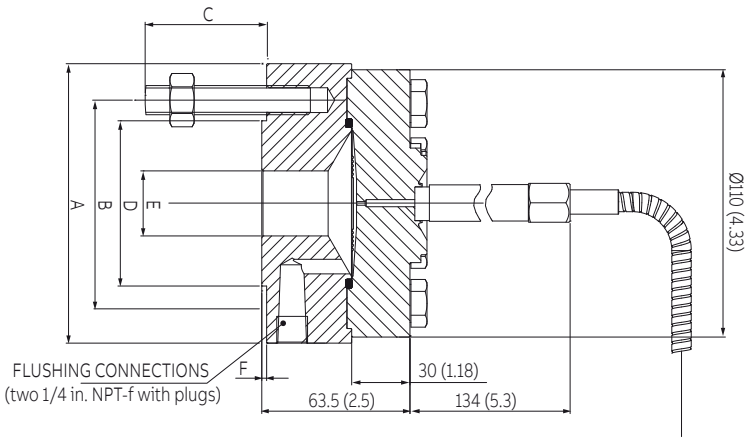


Figure 21 S26MA, S26ME Model off-line flanged diaphragm seal

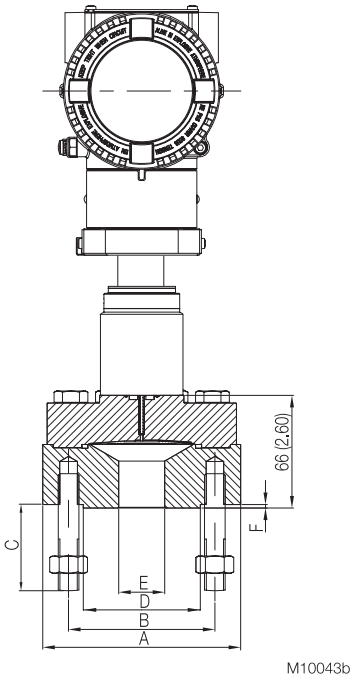


Figure 22 266GRT, 266ART with barrel housing and direct mount seal S26Mx off-line flanged

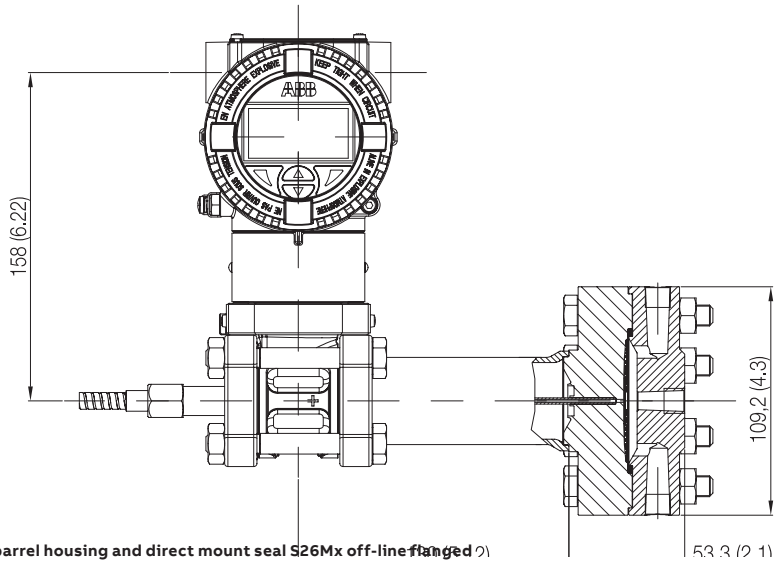
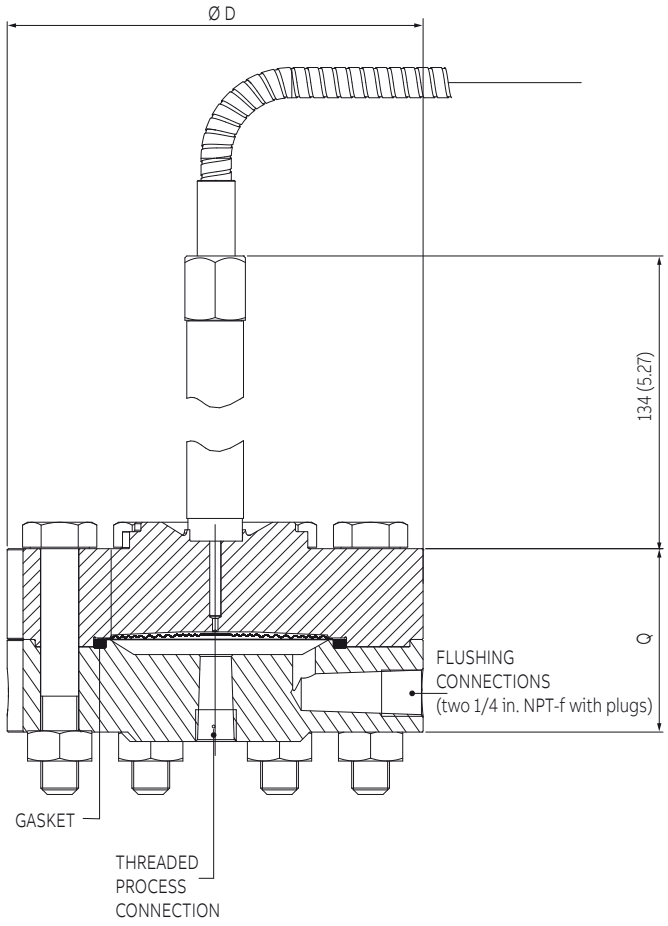


Figure 23 266MRT with barrel housing and direct mount seal S26Mx off-line flanged

Size/Rating	Dimensions mm (in) for S26MA and S26ME						
	A (dia)	B (dia)	C (4 studs)		D (dia)	E (dia)	F
			Length	Thread			
1/2 in. ASME CL 150	110 (4.33)	60.5 (2.38)	39 (1.53)	1/2 in. – 13 UNC	35.1 (1.38)	15.8 (0.62)	1.6 (0.06)
1/2 in. ASME CL 300	110 (4.33)	66.5 (2.62)	39 (1.53)	1/2 in. – 13 UNC	35.1 (1.38)	15.8 (0.62)	1.6 (0.06)
1 in. ASME CL 150	110 (4.33)	79.4 (3.12)	39 (1.53)	1/2 in. – 13 UNC	50.8 (2)	26.7 (1.05)	1.6 (0.06)
1 in. ASME CL 300	124 (4.88)	88.9 (3.5)	51 (2)	5/8 in. – 11 UNC	50.8 (2)	26.7 (1.05)	1.6 (0.06)
1 1/2 in. ASME CL 150	127 (5)	98.4 (3.87)	39 (1.53)	1/2 in. – 13 UNC	73 (2.87)	41 (1.61)	1.6 (0.06)
1 1/2 in. ASME CL 300	155 (6.1)	114.3 (4.5)	57 (2.24)	3/4 in. – 10 UNC	73 (2.87)	41 (1.61)	1.6 (0.06)
DN 25 PN 16-40	115 (4.52)	85 (3.34)	42 (1.65)	M12	68 (2.67)	28.5 (1.12)	2 (0.08)
DN 40 PN 16-40	150 (5.9)	110 (4.33)	48 (1.89)	M16	88 (3.46)	43.1 (1.69)	3 (0.12)

...Dimensions



Size (thread)	Dimensions mm. (in.) for S26TT	
	D (dia)	Q
1/4 in. NPT	109.2 (4.3)	53.3 (2.1)
1/2 in. NPT	109.2 (4.3)	53.3 (2.1)
3/4 in. NPT	109.2 (4.3)	63.5 (2.5)
1 in. NPT	109.2 (4.3)	63.5 (2.5)
1 1/2 in. NPT	109.2 (4.3)	63.5 (2.5)

Figure 24 S26TT Model off-line threaded diaphragm seal

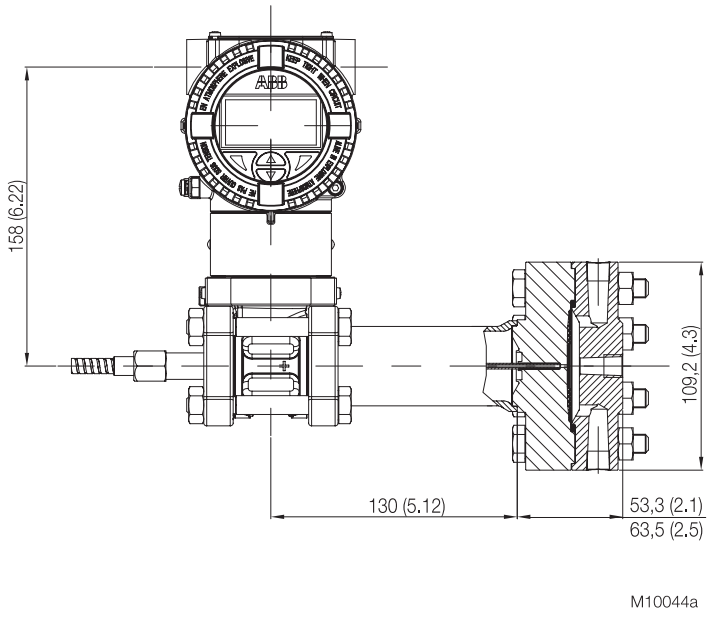


Figure 25 266MRT with barrel housing and direct mount seal S26TT off-line threaded flange

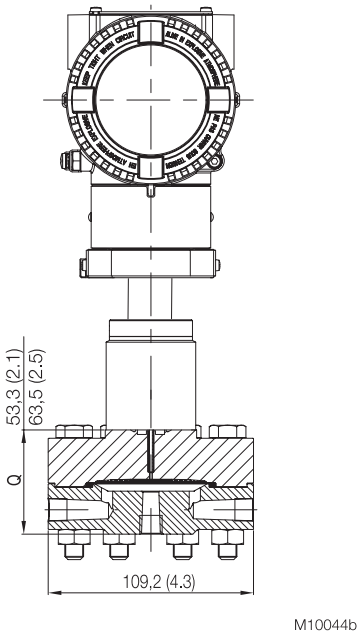


Figure 26 266GRT, 266ART with barrel housing and direct mount seal S26TT off-line threaded flange

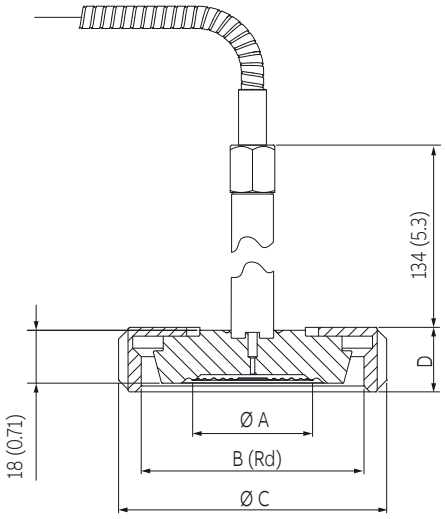


Figure 27 S26SS Union Nut seal

Size	Dimensions mm. (in.) for S26SS Union Nut to DIN 11851			
	A (dia)	B (Rd)	C (dia)	D
F50	42 (1.65)	78 (3.07)	92 (3.62)	22 (0.87)
F80	72 (2.83)	110 (4.33)	127 (5)	29 (1.14)

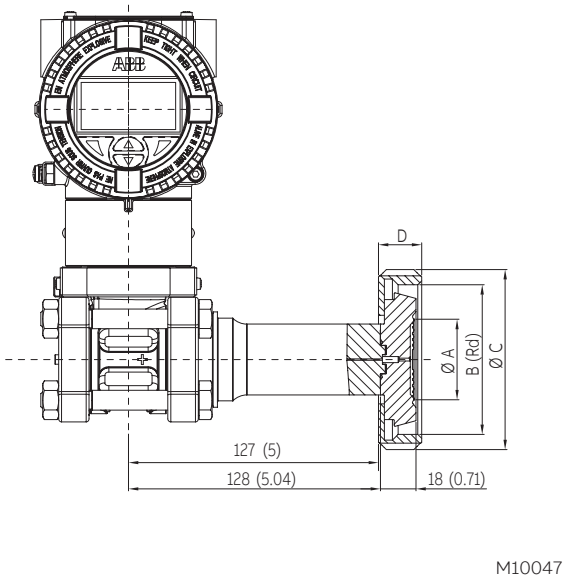


Figure 28 266MRT with barrel housing and direct mount seal S26SS Union Nut

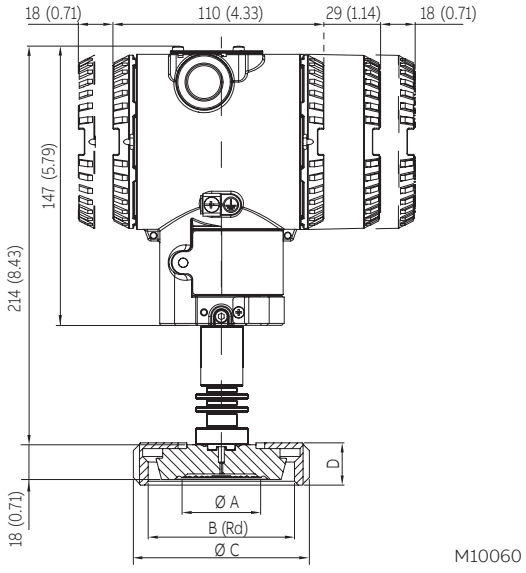
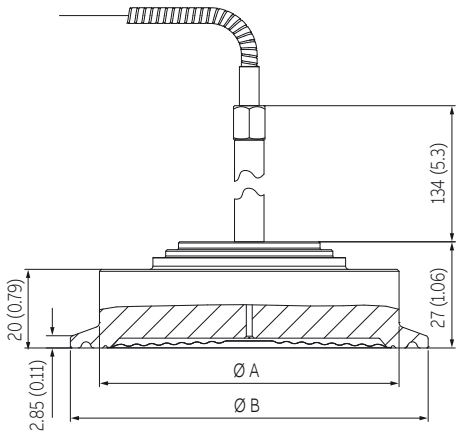


Figure 29 266GRT, 266ART with barrel housing and direct mount seal S26SS Union Nut

…Dimensions



Size	Dimensions mm. (in.) for S26SS Triclamp	
	A (dia)	B (dia)
2 in.	56.3 (2.2)	64 (2.5)
3 in.	83 (3.26)	91 (3.58)
4 in.	110.3 (4.34)	119 (4.68)

Figure 30 S26SS Triclamp seal

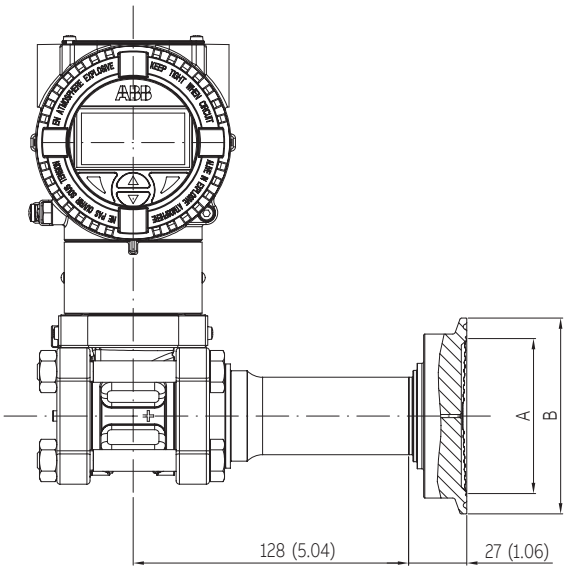


Figure 31 266MRT with barrel housing and direct mount seal S26SS Triclamp

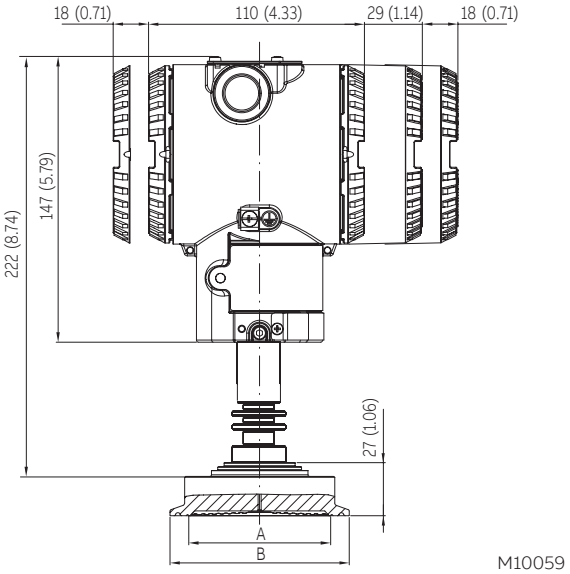


Figure 32 266GRT, 266ART with barrel housing and direct mount seal S26SS Triclamp

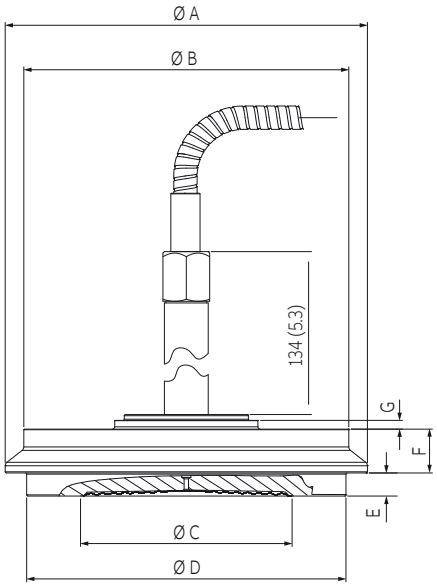


Figure 33 S26SS Cherry Burrell seal

Size	Dimensions mm. (in.) for S26SS Cherry Burrell						
	A (dia)	B (dia)	C (dia)	D (dia)	E	F	G
2 in.	67 (2.64)	56 (2.2)	47.7 (1.88)	57 (2.24)	6.5 (0.26)	12.5 (0.49)	3 (0.12)
3 in.	98.4 (3.87)	81 (3.19)	71 (2.80)	83.8 (3.3)	7.9 (0.31)	15 (0.59)	3 (0.12)
4 in.	124 (4.88)	111.25 (4.38)	71 (2.80)	109.3 (4.3)	7.9 (0.31)	15 (0.59)	3 (0.12)

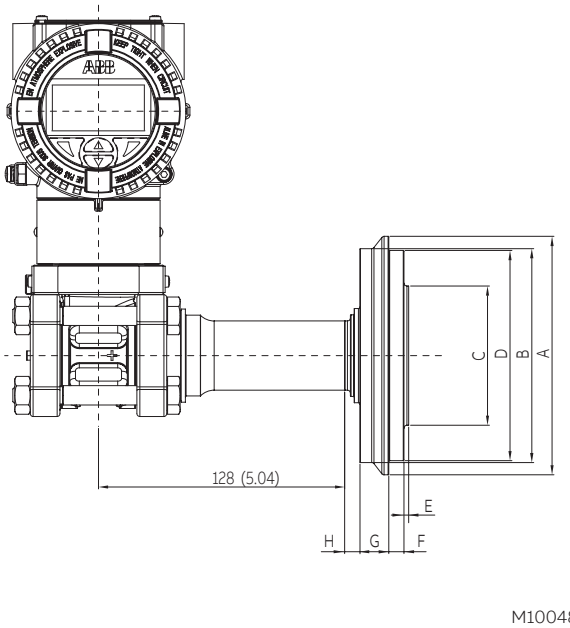


Figure 34 266MRT with barrel housing and direct mount seal S26SS Cherry Burrell

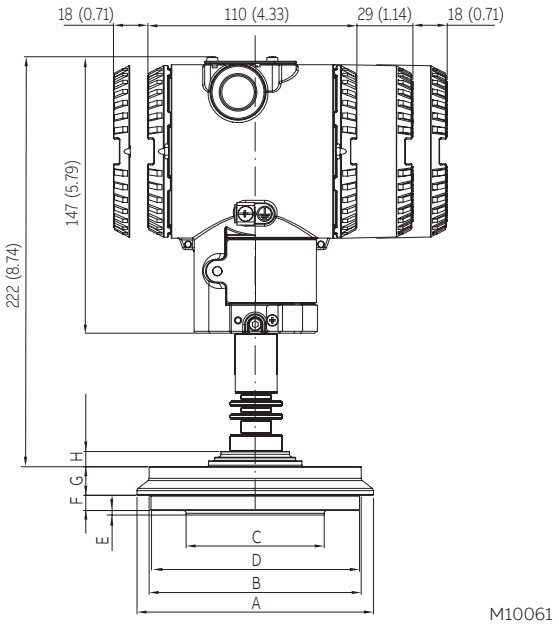


Figure 35 266GRT, 266ART with barrel housing and direct mount seal S26SS Cherry Burrell

...Dimensions

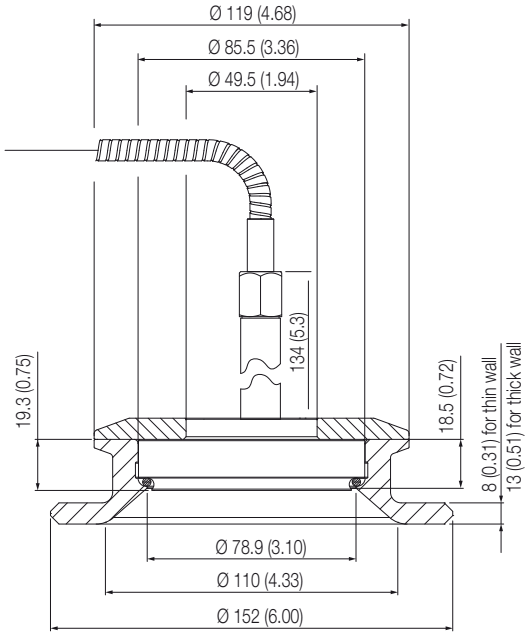


Figure 36 S26SS Sanitary flush seal

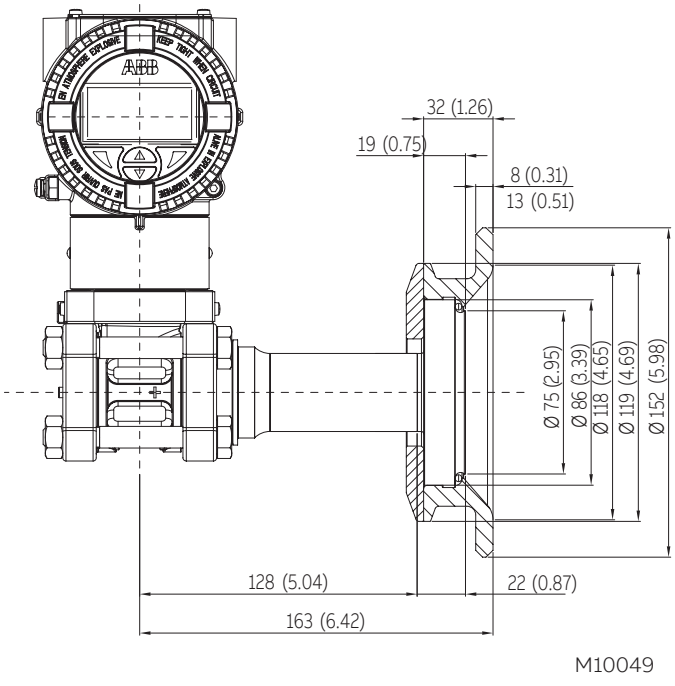


Figure 37 266MRT with barrel housing and direct mount seal S26SS Sanitary flush

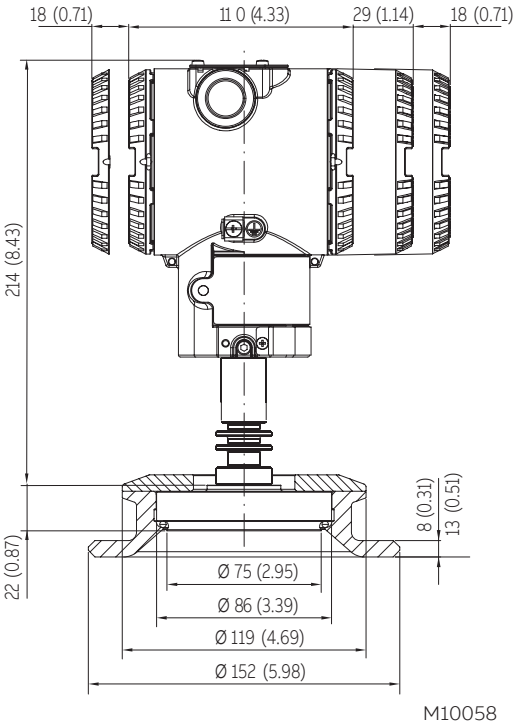


Figure 38 266GRT, 266ART with barrel housing and direct mount seal S26SS Sanitary flush

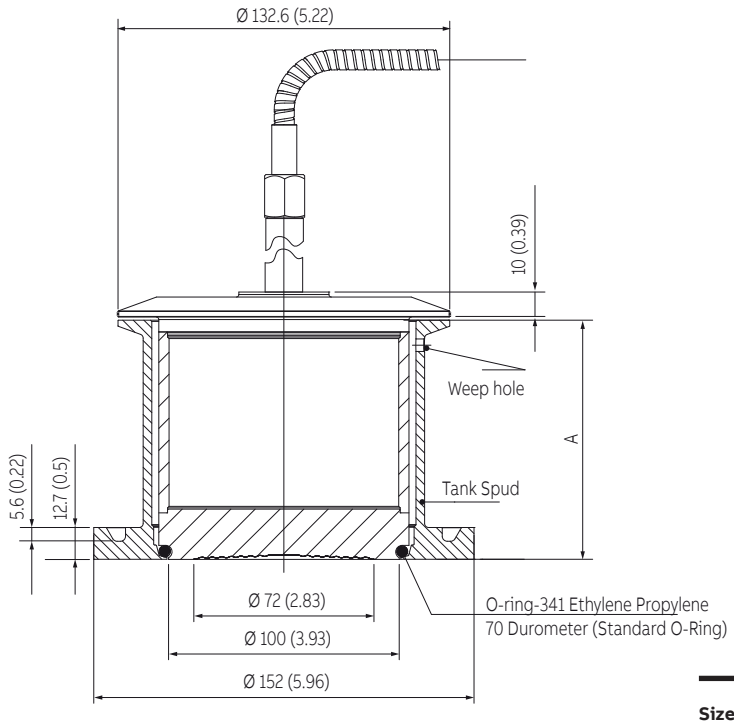


Figure 39 S26SS Sanitary extended seal

Size	Dimensions mm. (in.) for S26SS Sanitary extended
	A
2in	53.3 (2.1)
4in	104.1 (4.1)
6in	154.9 (6.1)

NOTE
The tank spud required for connection of this seal element must be welded to the process vessel prior to connecting the seal, following a recommended welding and pressure testing procedure.

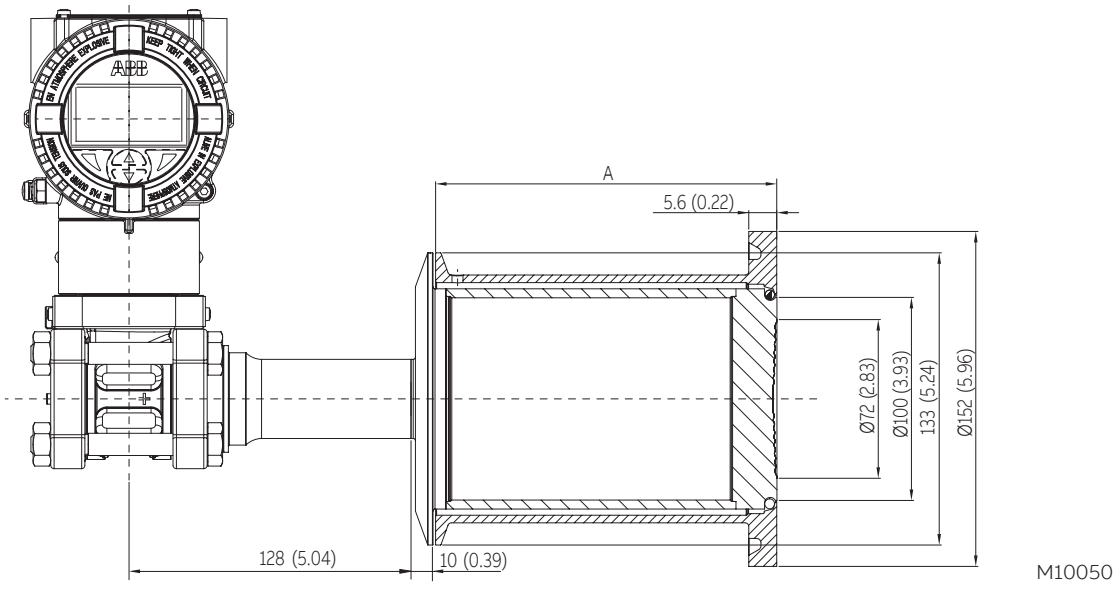


Figure 40 266MRT with barrel housing and direct mount seal S26SS Sanitary extended

...Dimensions

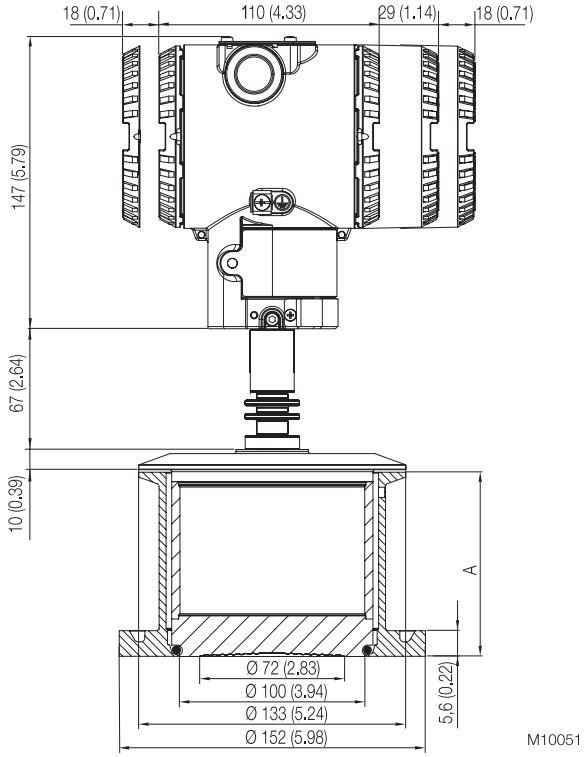


Figure 41 266GRT/ART with barrel housing and direct mount seal S26SS Sanitary extended

Size	Dimensions mm. (in.) for S26SS Sanitary extended
	A
2in	53.3 (2.1)
4in	104.1 (4.1)
6in	154.9 (6.1)

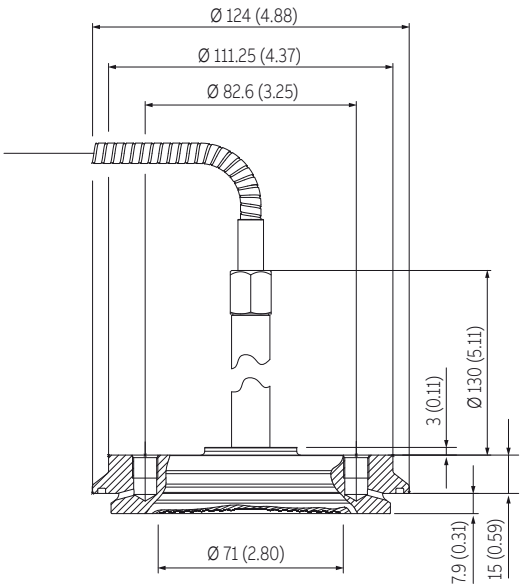


Figure 42 S26SS 4 in. Cherry Burrell Aseptic Sanitary seal

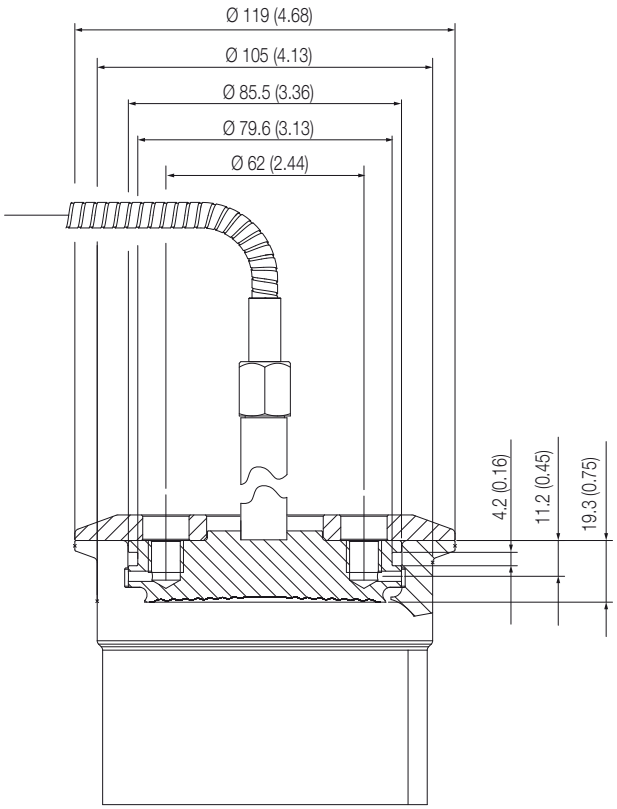


Figure 43 S26SS 4 in. Cherry Burrell Aseptic Sanitary seal

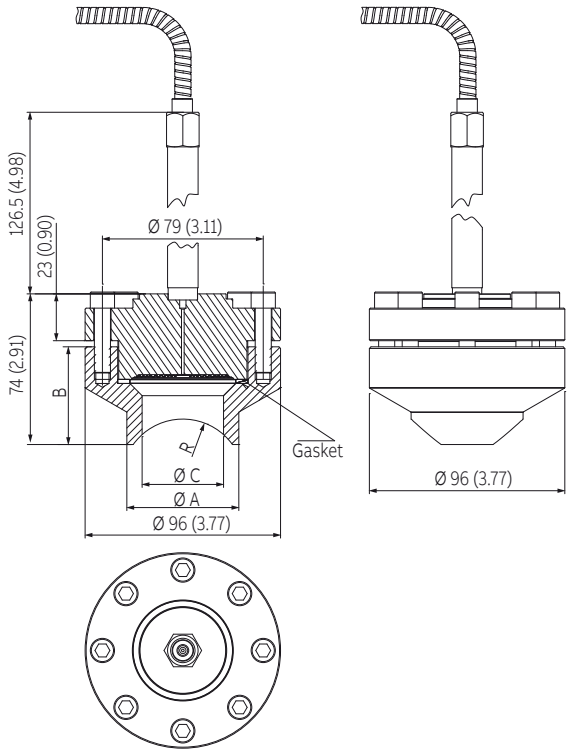


Figure 44 S26VN saddle seal

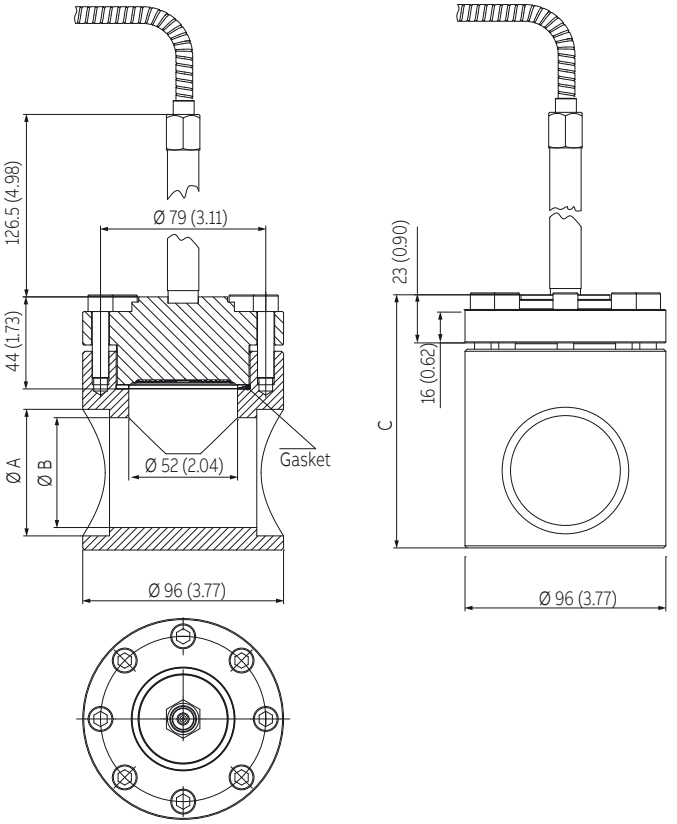


Figure 45 S26VN socket seal

Fitting connection Size	Dimensions mm. (in.) for S26VN- saddle type			
	A (dia)	B	C (dia)	R
Saddle 2 in.	55 (2.17)	48 (1.89)	40 (1.57)	30
Saddle 2 1/2 in.	76 (3.0)	45 (1.77)	52 (2.05)	45
Saddle 3 in.	76 (3.0)	45 (1.77)	50 (1.97)	45
Saddle 4 in.	76 (3.0)	41 (1.61)	50 (1.97)	57
Saddle 5 in.	76 (3.0)	40 (1.57)	50 (1.97)	70
Saddle 6 in.	76 (3.0)	36 (1.42)	50 (1.97)	85

Fitting connection Size	Dimensions mm. (in.) for S26VN- socket type		
	A (dia)	B	C
Socket 1/2 in.	21.8 (0.86)	15.9 (0.63)	86 (3.39)
Socket 3/4 in.	27 (1.06)	21.2 (0.83)	96 (3.78)
Socket 1 in.	33.6 (1.32)	26.8 (1.06)	101 (3.98)
Socket 1 1/2 in.	48.5 (1.91)	41 (1.61)	121 (4.76)
Socket 2 in.	60.5 (2.38)	52.5 (2.07)	121 (4.76)

...Dimensions

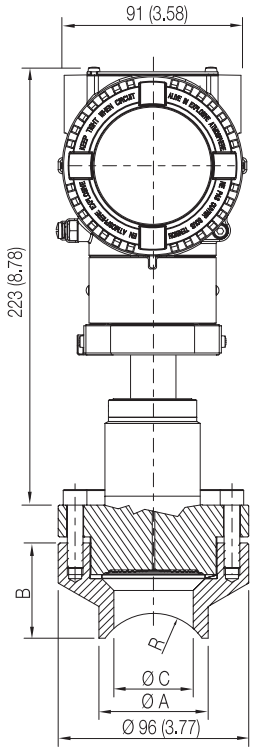


Figure 46 **266GRT, 266ART with barrel housing and direct mount seal S26VN saddle and socket**

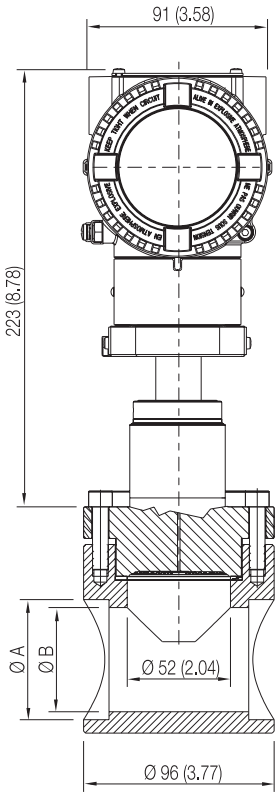
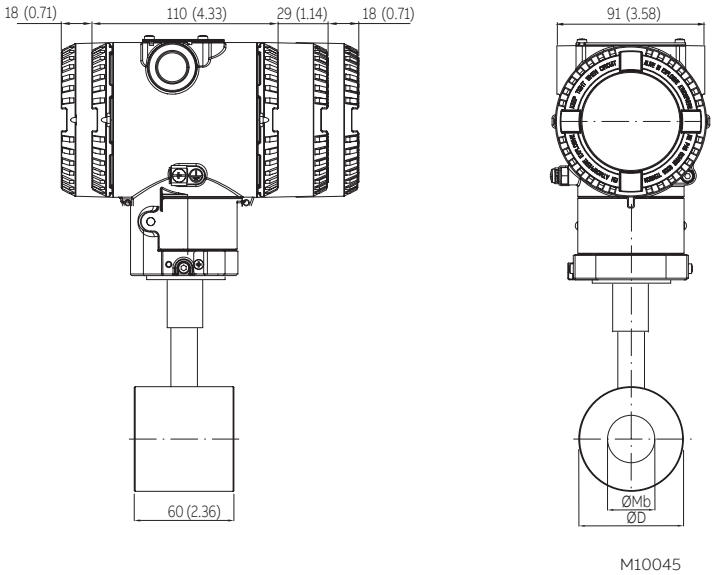


Figure 47 **266GRT, 266ART with barrel housing and direct mount seal S26VN saddle and socket**



Size/Rating	Dimensions mm. (in.) for S26JN	
	D (dia)	Mb (dia)
1 in. / DN 25	63 (2.48)	28.5 (1.12)
1 1/2 in. / DN 40	85 (3.35)	43 (1.69)
2 in. / DN 50	95 (3.74)	54.5 (2.15)
3 in. / DN 80	130 (5.12)	82.5 (3.25)

Figure 48 266GRT, 266ART with barrel housing and direct mount seal S26JN in-line

...Dimensions

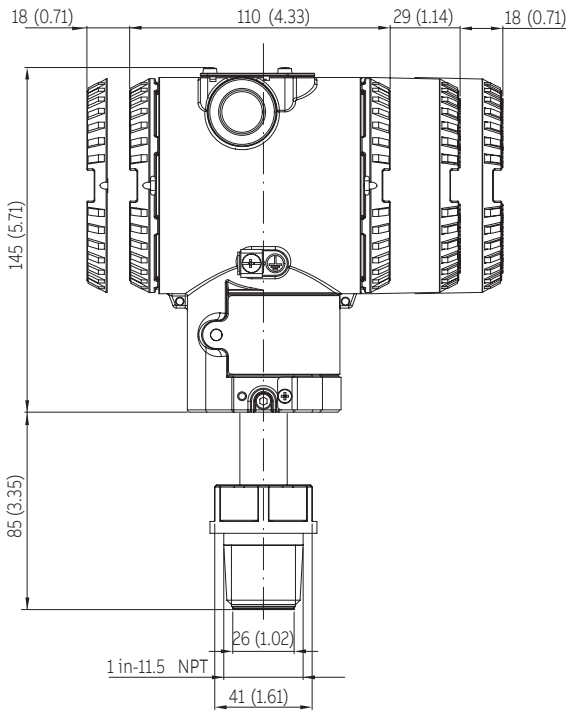


Figure 49 **266GRT, 266ART with barrel housing and direct mount seal S26KN pulp and paper 1 in. NPT threaded connections**

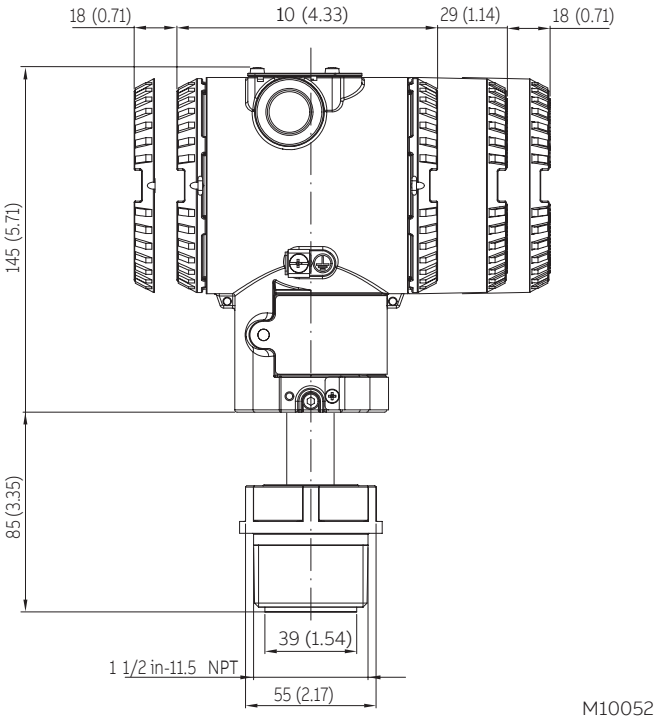


Figure 51 **266GRT, 266ART with barrel housing and direct mount seal S26KN pulp and paper 1 1/2 in. NPT threaded connections**

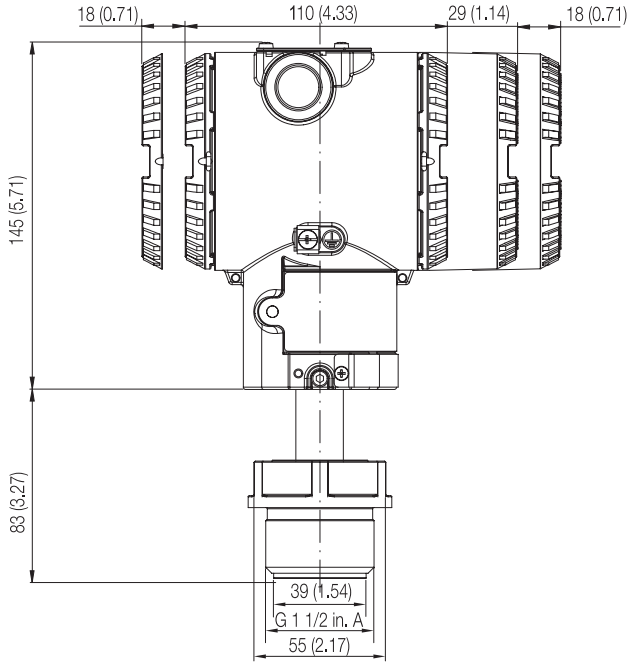


Figure 50 **266GRT, 266ART with barrel housing and direct mount seal S26KN pulp and paper 1 in Gas threaded connections**

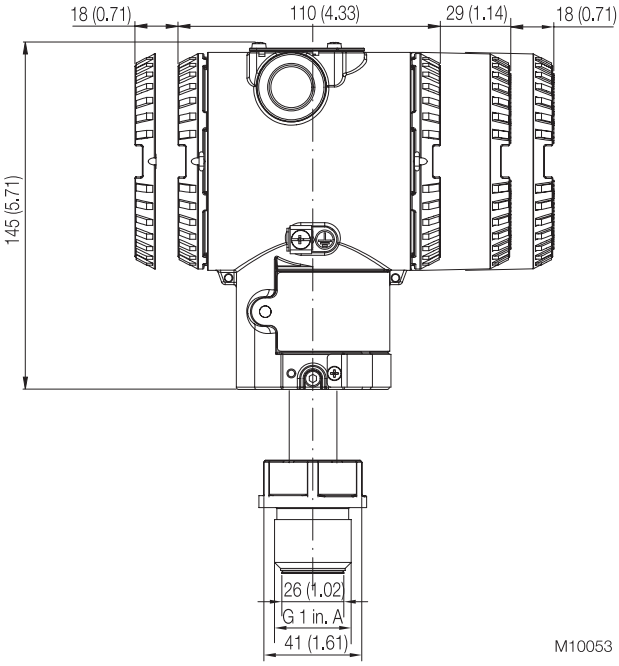


Figure 52 **266GRT, 266ART with barrel housing and direct mount seal S26KN pulp and paper 1 1/2 in Gas threaded connections**

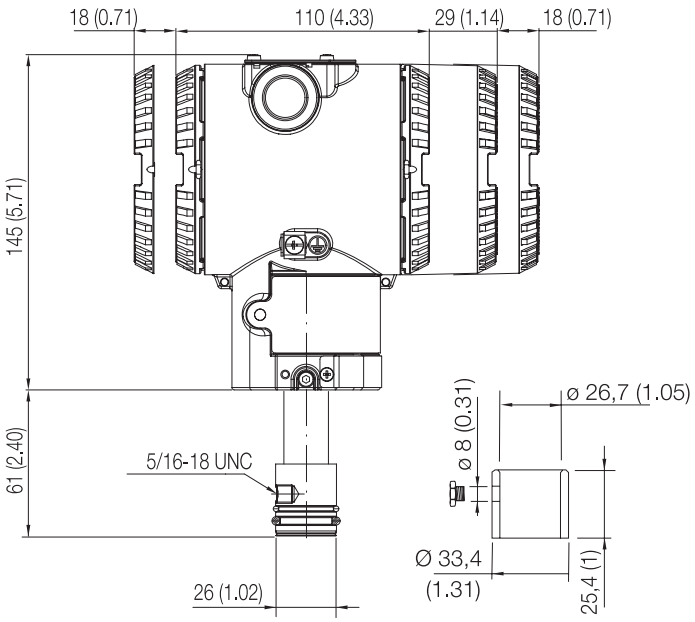


Figure 53 266GRT, 266ART with barrel housing and direct mount seal S26KN pulp and paper 1 in sealing with gasket

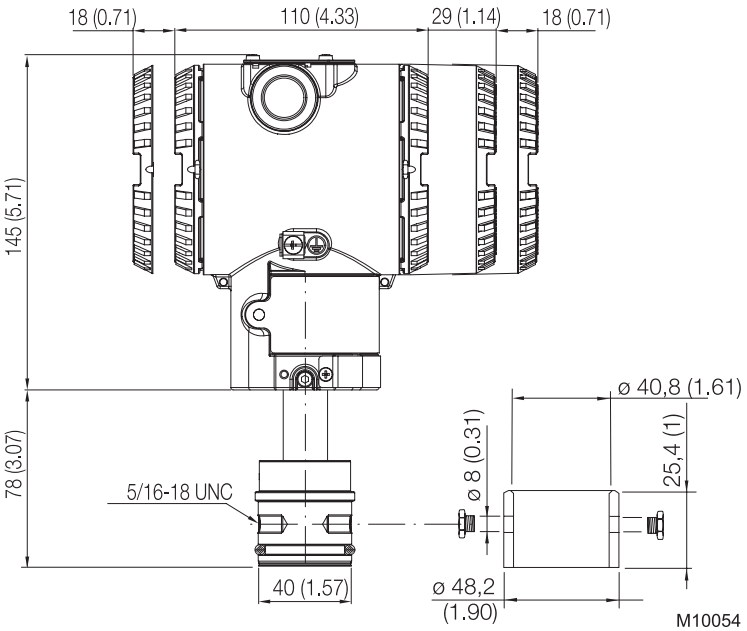


Figure 55 266GRT, 266ART with barrel housing and direct mount seal S26KN pulp and paper 1 1/2 in. sealing with gasket

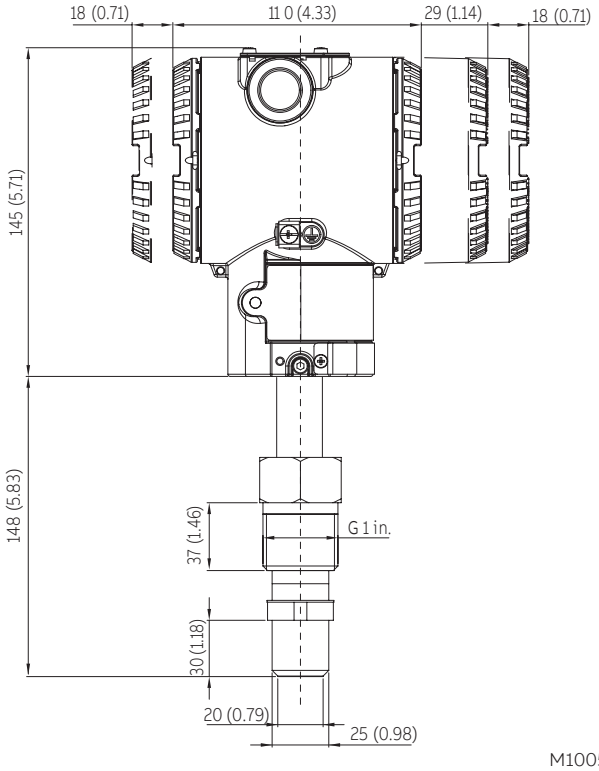


Figure 54 266GRT, 266ART with barrel housing and direct mount seal S26KN pulp and paper ball valve connections

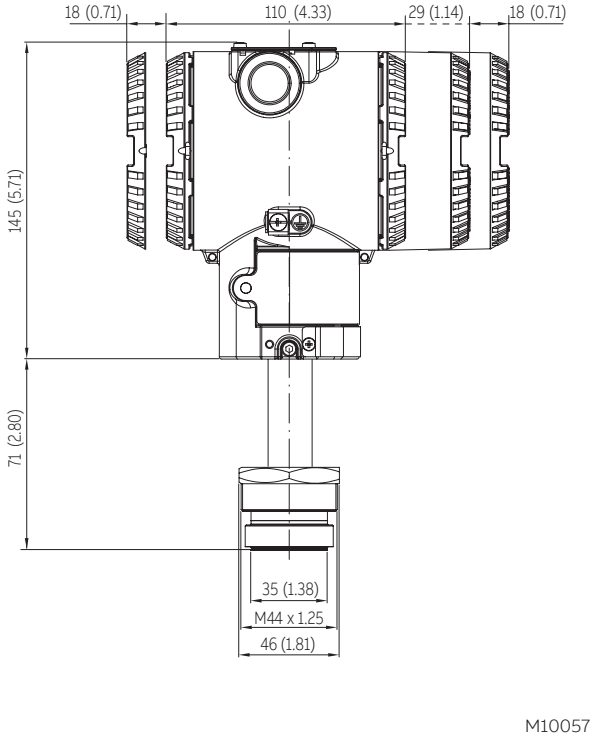


Figure 56 266GRT, 266ART with barrel housing and direct mount seal S26KN pulp and paper to threaded spud

...Dimensions

The S26WA and S26WE wafer remote seals are designed to be clamped between two ASME or EN raised face flanges. The diaphragm side of the seal faces the process flange and a blind back-up flange is used on the other side of the seal.

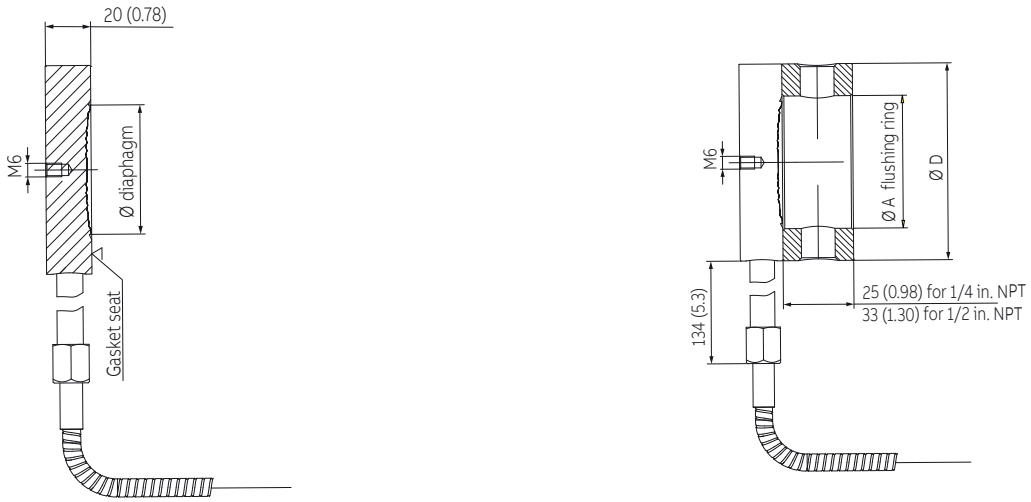


Figure 57 S26WA, S26WE Model Wafer remote diaphragm sealASME and EN 1092-1 Form B1 smooth and serrated (flushing ring as option)

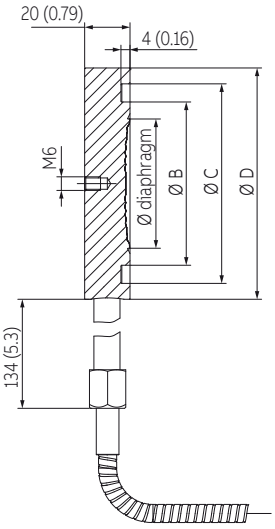


Figure 58 S26WA, S26WE Model Wafer remote diaphragm seal EN 1092-1 Form D

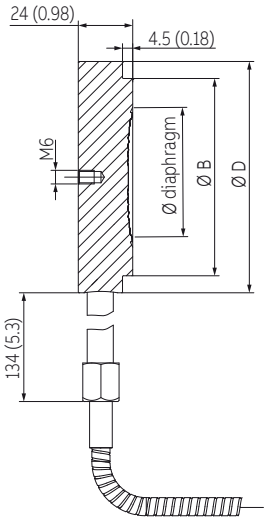


Figure 59 S26WA, S26WE Model Wafer remote diaphragm seal EN 1092-1 Form E

Size/Rating	Dimensions mm. (in.) for S26W					
	diaphragm (dia)		A flushing ring	B (dia)	C (dia)	D (dia)
	std. thickness	low thickness	internal dia			
1 1/2 in. ASME B16.5	47 (1.85)	47 (1.85)	52 (2.05)	NA	NA	73 (2.87)
2 in. ASME B16.5	60 (2.36)	58 (2.28)	62 (2.44)	NA	NA	92 (3.62)
3 in. ASME B16.5	89 (3.5)	75 (2.95)	92 (3.62)	NA	NA	127 (5)
DN 40 EN 1092-1 Form B1	47 (1.85)	47 (1.85)	52 (2.05)	NA	NA	88 (3.46)
DN 50 EN 1092-1 Form B1	60 (2.36)	58 (2.28)	62 (2.44)	NA	NA	102 (4.02)
DN 80 EN 1092-1 Form B1	89 (3.5)	75 (2.95)	92 (3.62)	NA	NA	138 (5.43)
DN 40 EN 1092-1 Form D	47 (1.85)	47 (1.85)	NA	60 (2.36)	76 (2.99)	88 (3.46)
DN 50 EN 1092-1 Form D	60 (2.36)	58 (2.28)	NA	72 (2.83)	88 (3.46)	102 (4.02)
DN 80 EN 1092-1 Form D	89 (3.5)	75 (2.95)	NA	105 (4.13)	121 (4.76)	138 (5.43)
DN 40 EN 1092-1 Form E	47 (1.85)	47 (1.85)	NA	75 (2.95)	NA	88 (3.46)
DN 50 EN 1092-1 Form E	60 (2.36)	58 (2.28)	NA	87 (3.42)	NA	102 (4.02)
DN 80 EN 1092-1 Form E	89 (3.5)	75 (2.95)	NA	120 (4.72)	NA	138 (5.43)

The S26CN chemical tee remote seal is designed to connect to a Wedge Flow Element or to any process fitting with appropriate mating condition. Chemical tee elements cannot be connected to a standard ASME pipe flange.

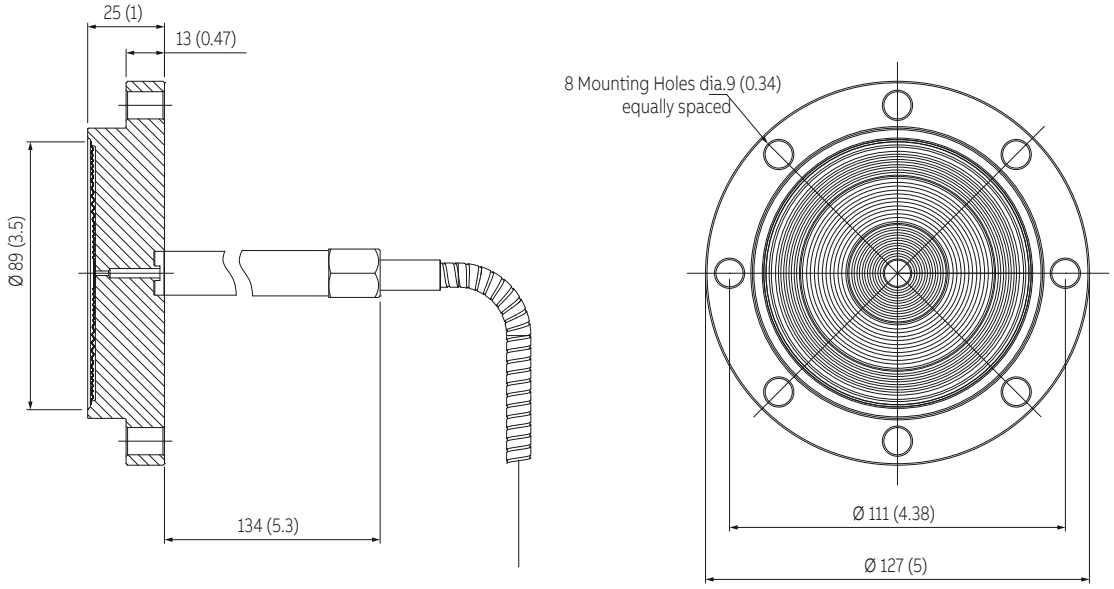


Figure 60 S26CN Model Chemical Tee remote diaphragm seal

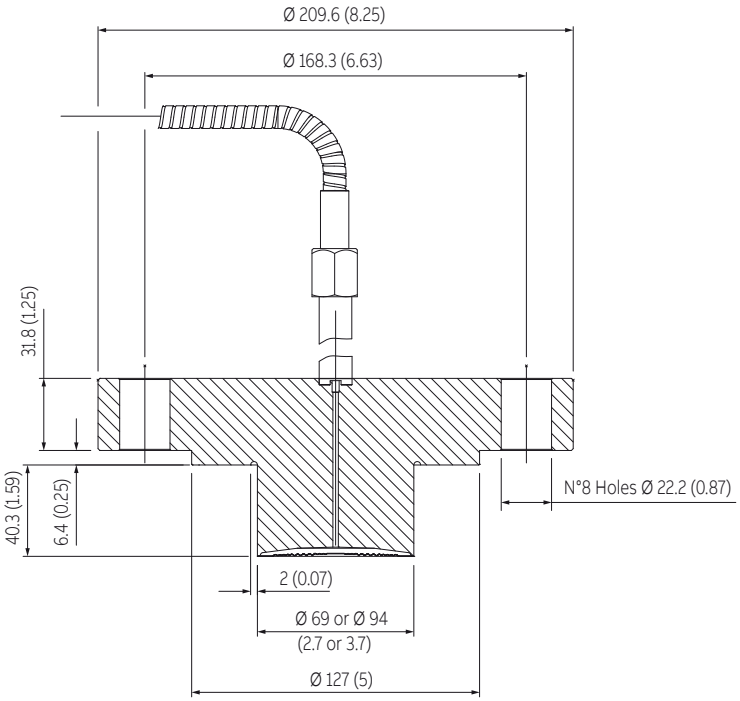


Figure 61 S26PN Model 2 1/2 in urea service seal Flange ASME 600, 3 in

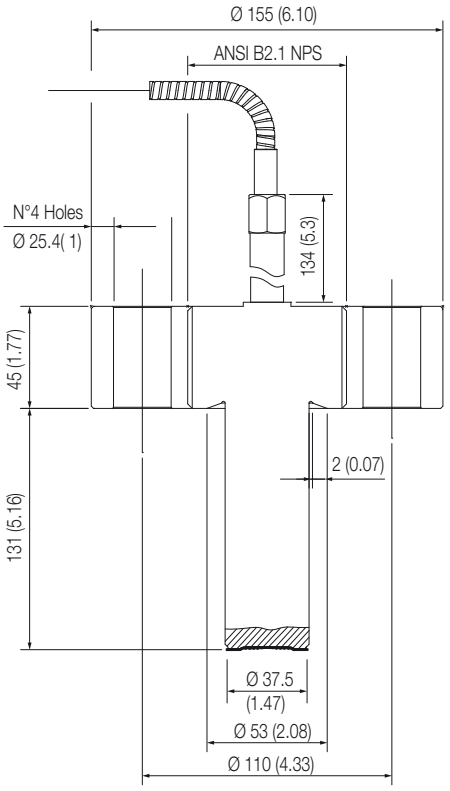


Figure 62 S26PN Model 1 1/2 in urea service seal Flange ASME 2500, 2 in

...Dimensions

The S26BN remote seals are designed to connect directly to a process pipe via the NPT threaded connection or to match pipe fitting withan interface suitable for the provided mating flange. The button seals, due to their design, are dedicated for measurement with medium/high calibrated span (2 MPa/20 bar/290 psi approx. or greater).

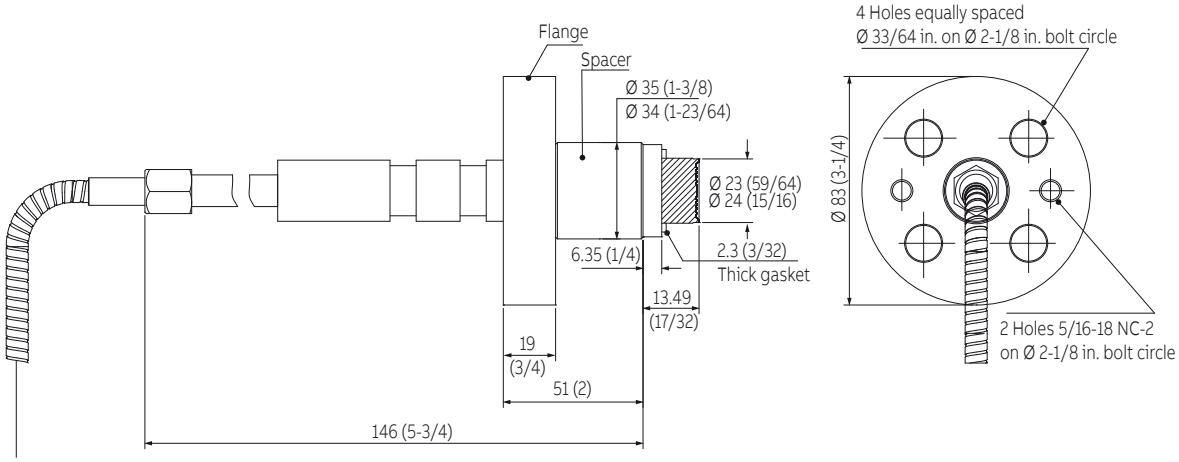


Figure 63 S26BN Model Button type remote diaphragm seal 3 1/4 in flange extended - type 91

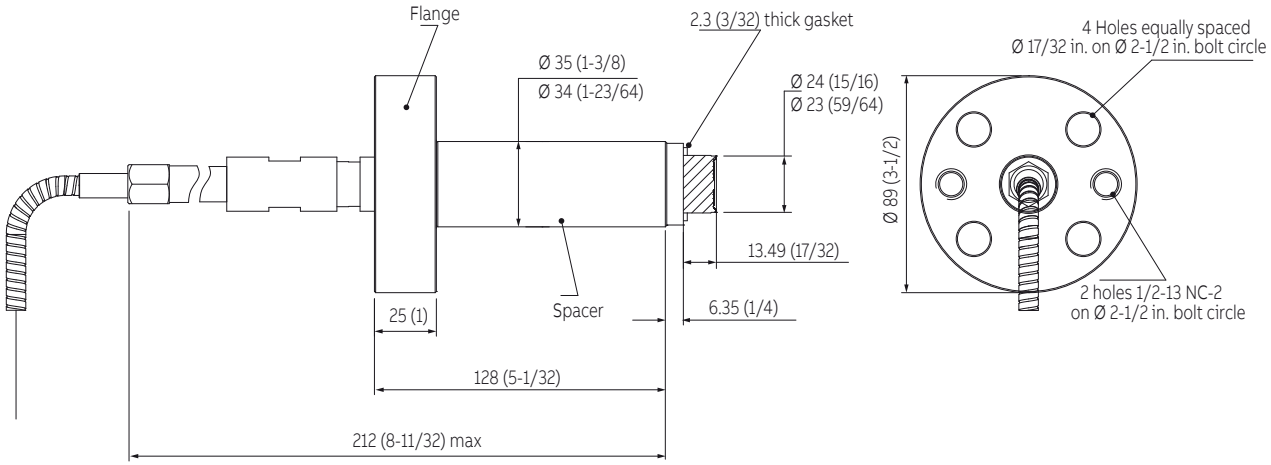


Figure 64 S26BN Model Button type remote diaphragm seal 3 1/2 in flange extended - type 91 modified

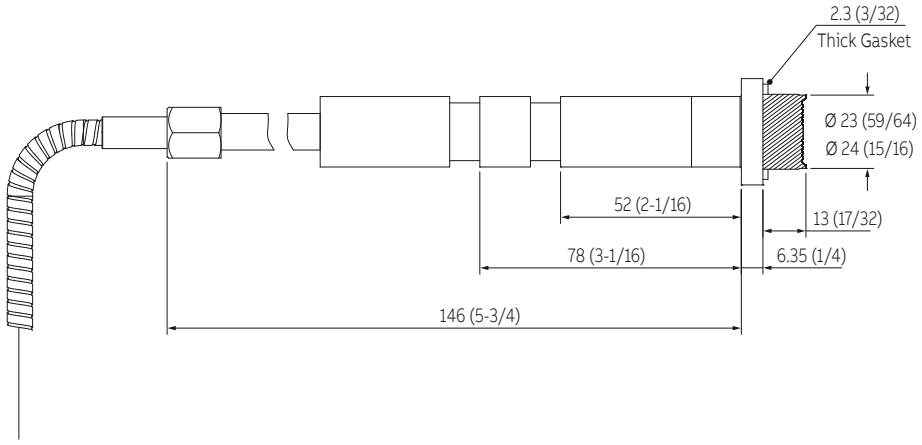


Figure 65 S26BN Model Button type remote diaphragm seal Universal – type 90

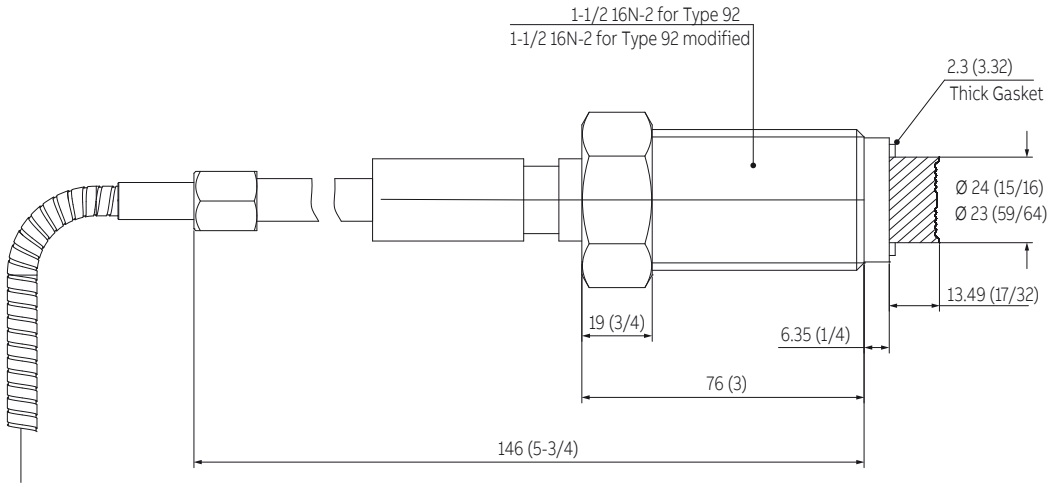


Figure 66 S26BN Model Button type remote diaphragm seal 1 1/2 in threaded union type 92/92 modified

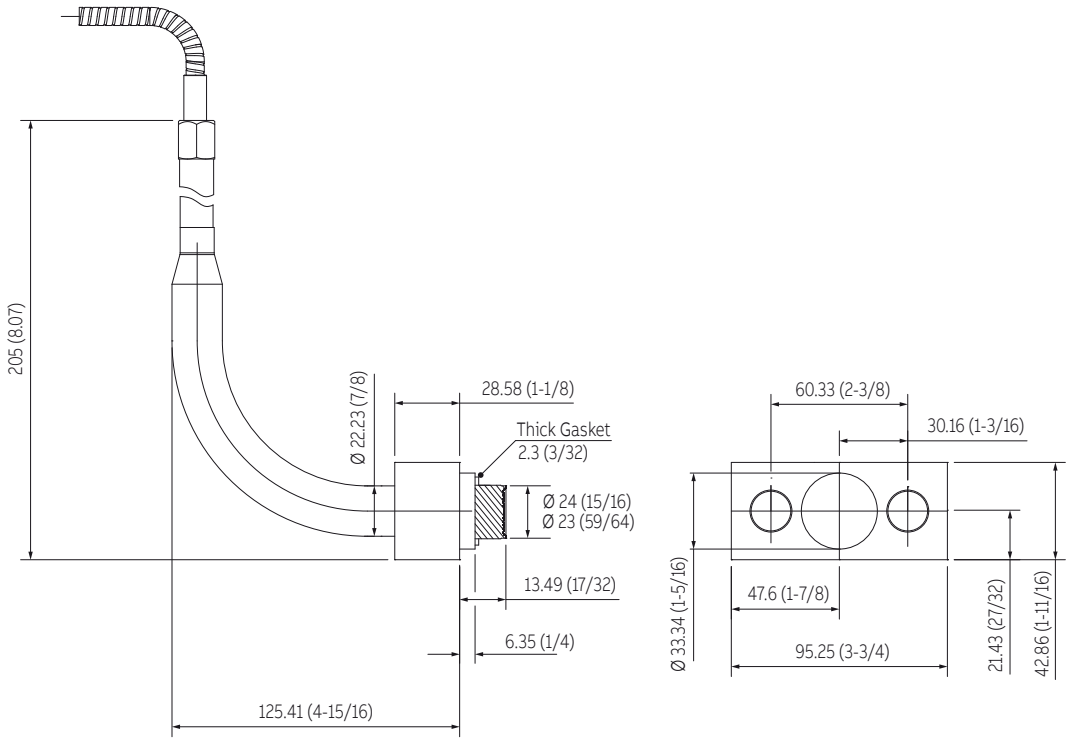


Figure 67 S26BN Model Button type remote diaphragm seal Bracket – type 89

...Dimensions

The union connection remote seals model S26UN are used exclusively for pressure measurement with gauge pressure transmitter.
The seal is available with an optional weld bushing, or with an optional chemical tee flange.The remote seal with a weld bushing, includes a bushing which provides the mating surface for the seal element. The union connection seal with a chemical tee flange, is designed to connect to any process fitting which accepts a chemical tee seal element (refer to Chemical Tee Seal for more information). The union seal connects to the chemical tee flange which serves as an adaptor to permit connection of the union seal to a chemical tee type fitting.

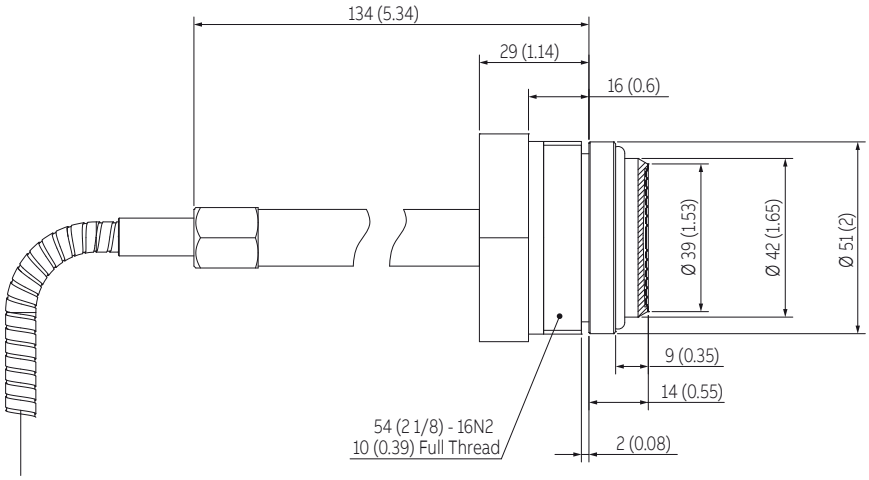


Figure 68 Union connection remote seal - basic version

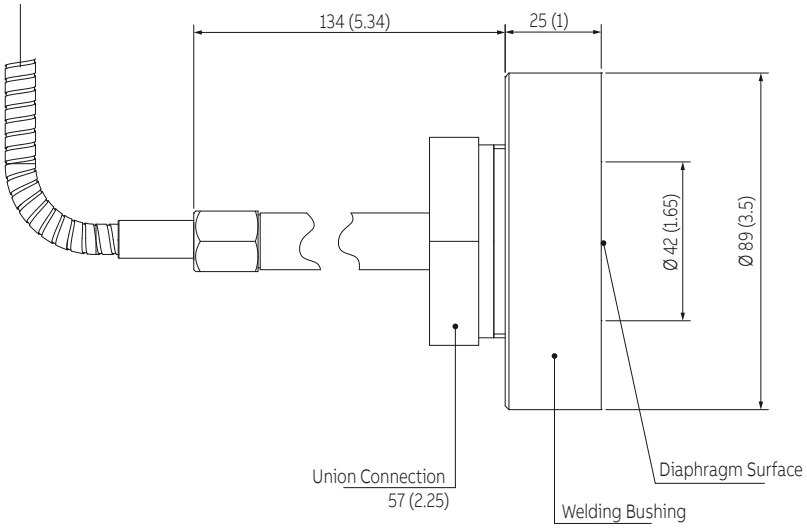


Figure 69 Union connection remote seal with weld bushing

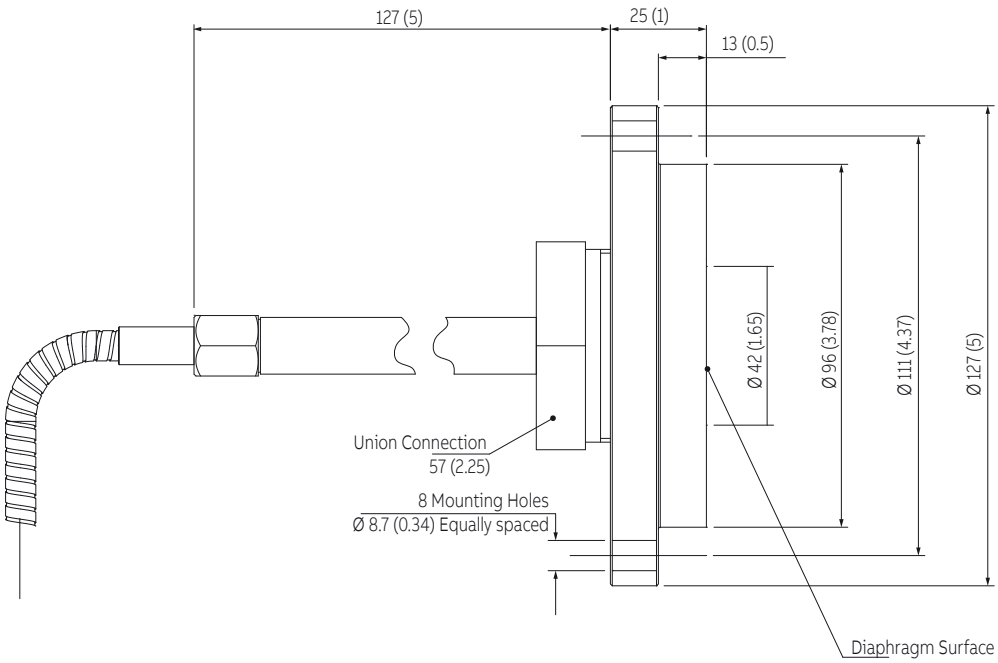
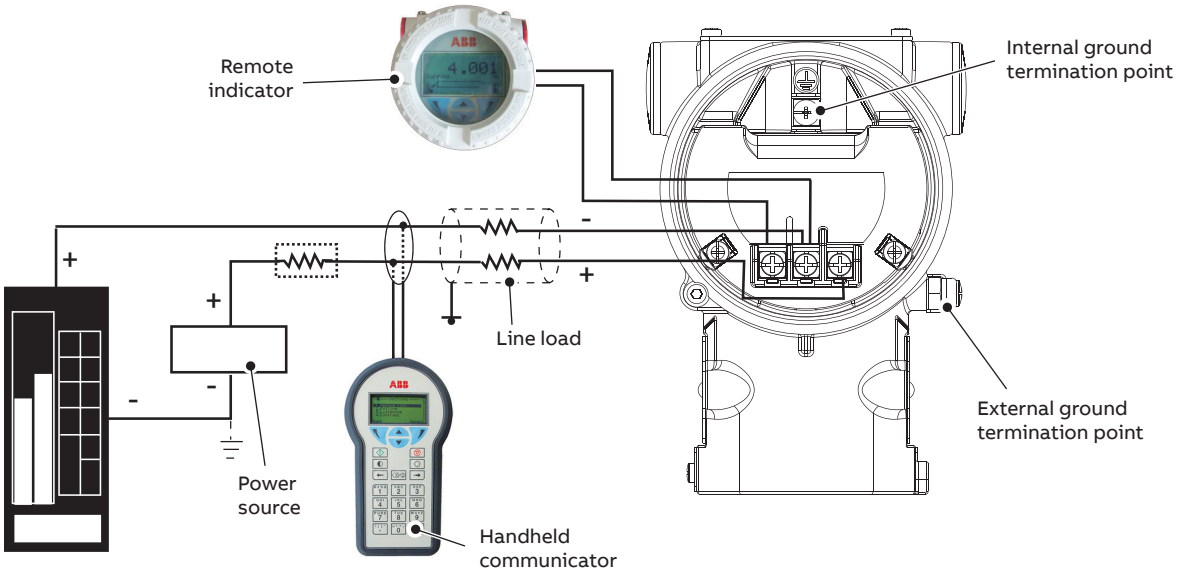


Figure 70 Union connection remote seal with Chemical Tee flange

Electrical connections



HART hand-held communicator may be connected at any wiring termination point in the loop, providing the minimum resistance is 250 ohm. If this is less than 250 ohm, additional resistance should be added to allow communications. Maximum voltage drop on external remote indicator is 0.7 V DC.

Figure 71 HART Version

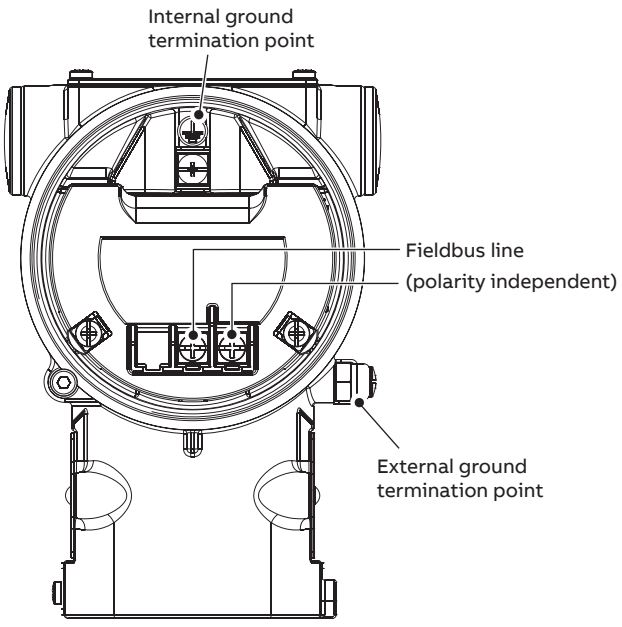


Figure 72 FIELDBUS Versions

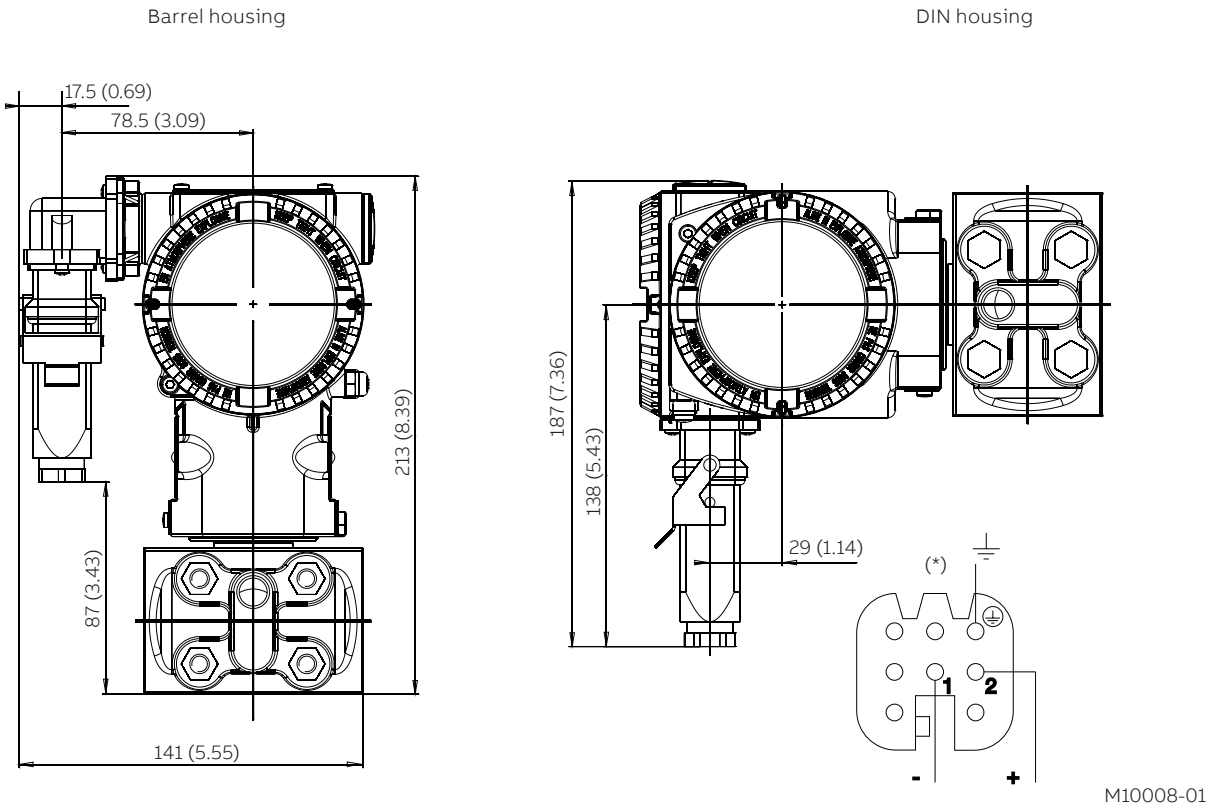


Figure 73 Harting Han connection – differential pressure transmitter (application example)

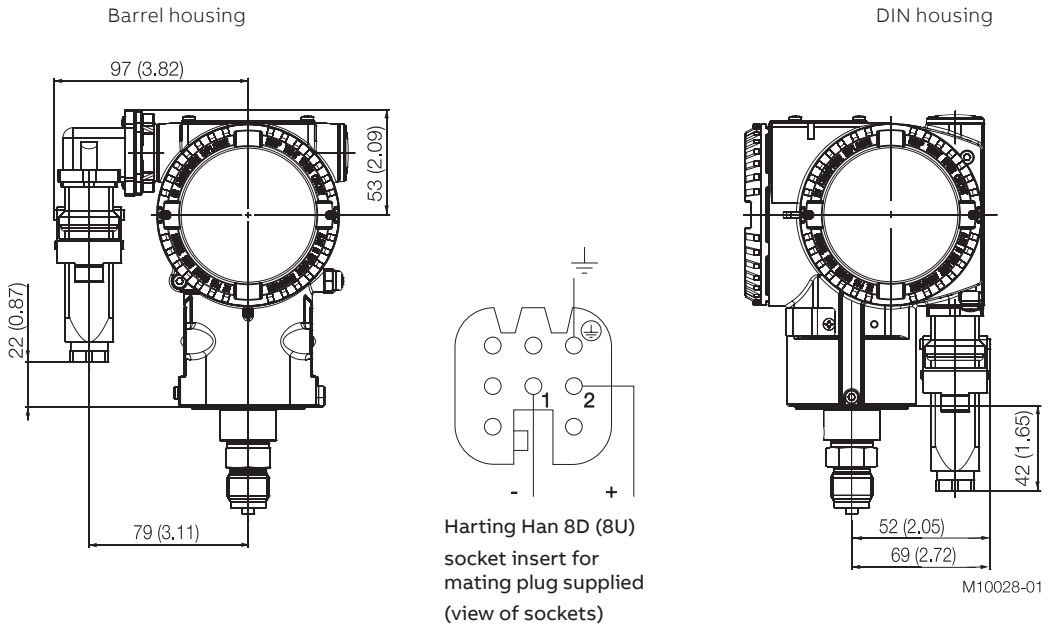


Figure 74 Harting Han plug connector - gauge / absolute pressure transmitter (application example)

Ordering Information

Basic ordering information model 266MRT Differential Pressure Transmitter with remote seal(s), maximum working pressure depending on seal / sensor limits

Select one character or set of characters from each category and specify complete catalog number.
Refer to additional ordering information and specify one or more codes for each transmitter if additional options are required.

Base model - 1st to 6th characters				**266MRT**	**X**	**X**	**X**	**X**	**X**	**X**	**X**
Differential pressure transmitter with remote seal(s), base accuracy 0.04 %											
Sensor Span Limits – 7th character									continued on next page		
0.6 and 6 kPa	6 and 60 mbar	2.41 and 24 inH2O			C						
0.67 and 40 kPa	6.7 and 400 mbar	2.67 and 160 inH2O			F						
4.17 and 250 kPa	41.7 and 2500 mbar	16.7 and 1000 inH2O			L						
33.3 and 2000 kPa	0.333 and 20 bar	4.83 and 290 psi			N						
167 and 10000 kPa	1.67 and 100 bar	24.2 and 1450 psi			R						
Maximum Working Pressure – 8th character											
16 MPa	160 bar	2320 psi				C					
25 MPa	250 bar	3625 psi				Z					
41 MPa	410 bar	5945 psi				T					
Diaphragm Material / Fill Fluid – 9th character											
AISI 316L SST (1.4435)		Silicone oil					NACE	S			
Hastelloy® C-276		Silicone oil					NACE	K			
Monel 400®		Silicone oil					NACE	M			
Monel 400® gold-plated		Silicone oil					NACE	V			
Tantalum		Silicone oil					NACE	T			
AISI 316L SST (1.4435)		Inert fluid – Galden (Suitable for oxygen applications)					NACE	A			
Hastelloy® C-276		Inert fluid – Galden (Suitable for oxygen applications)					NACE	F			
Monel 400®		Inert fluid – Galden (Suitable for oxygen applications)					NACE	C			
Monel 400® gold-plated		Inert fluid – Galden (Suitable for oxygen applications)					NACE	Y			
Tantalum		Inert fluid – Galden (Suitable for oxygen applications)					NACE	D			
Diaphragm seal		Silicone oil (Seal to be quoted separately)						R			
Diaphragm seal		Inert fluid – Galden (Seal to be quoted separately)						2			
Process Flanges and Adapters Material / Connection – 10th character											
AISI 316L SST (1.4404 / 1.4408)		1/4 in - 18 NPT female direct	(horizontal connection)				NACE		A		
AISI 316L SST (1.4404 / 1.4408)		1/2 in - 14 NPT female through adapter	(horizontal connection)				NACE		B		
AISI 316L SST (1.4404 / 1.4408)		1/4 in - 18 NPT female direct (DIN 19213)	(horizontal connection)				NACE		C		
Hastelloy® C-276		1/4 in - 18 NPT female direct	(horizontal connection)				NACE		D		
Hastelloy® C-276		1/2 in - 14 NPT female through adapter	(horizontal connection)				NACE		E		
Monel 400®		1/4 in - 18 NPT female direct	(horizontal connection)				NACE		G		
Monel 400®		1/2 in - 14 NPT female through adapter	(horizontal connection)				NACE		H		
AISI 316L SST (1.4404 / 1.4408)		For two seals construction					NACE		R		

...**Basic** ordering information model 266MRT Differential Pressure Transmitter with remote seal(s)

				X	X	X
Bolts Material / Gaskets Material – 11th character						
AISI 316L SST (NACE - non exposed to H2S) / Viton (Suitable for oxygen applications)				3		
AISI 316L SST (NACE - non exposed to H2S) / PTFE (Max. 25 MPa / 250 bar / 3625 psi)				4		
AISI 316L SST (NACE - non exposed to H2S) / EPDM				5		
AISI 316L SST (NACE - non exposed to H2S) / Perbunan				6		
AISI 316L SST (NACE - non exposed to H2S) / Graphite				7		
AISI 316L SST (NACE - non exposed to H2S) / Without gaskets (For two seals construction)				R		
Housing Material / Electrical Connection – 12th character						
Aluminium alloy (Barrel type)	1/2 in - 14 NPT				A	
Aluminium alloy (Barrel type)	M20 x 1.5				B	
Aluminium alloy (Barrel type)	Harting Han connector	(General purpose only)	(Note: 1)		E	
Aluminium alloy (Barrel type)	Fieldbus connector	(General purpose only)	(Note: 1)		G	
AISI 316L SST (Barrel type)	1/2 in - 14 NPT				S	
AISI 316L SST (Barrel type)	M20 x 1.5				T	
Aluminium alloy (DIN type)	M20 x 1.5				J	
Aluminium alloy (DIN type)	Harting Han connector	(General purpose only)	(Note: 1)		K	
Aluminium alloy (DIN type)	Fieldbus connector	(General purpose only)	(Note: 1)		W	
AISI 316L SST (Barrel type)	Fieldbus connector	(General purpose only)	(Note: 1)		Z	
Output – 13th character						
HART digital communication and 4 to 20 mA			(Note: 4)			1
PROFIBUS PA			(Note: 5)			2
FOUNDATION fieldbus			(Note: 5)			3
HART digital communication and 4 to 20 mA, SIL2 and SIL3-certified in acc. with IEC 61508			(Note: 4)			8

...Ordering information

Additional ordering information for model 266MRT Differential Pressure Transmitter with remote seal(s)

Add one or more 2-digit code(s) after the basic ordering information to select all required options.

				XX	XX
Vent and drain valve Material / Position					
AISI 316L SST (1.4404)	On process axis	NACE		V1	
AISI 316L SST (1.4404)	On flanges side top	NACE		V2	
AISI 316L SST (1.4404)	On flanges side bottom	NACE		V3	
Hastelloy® C-276	On process axis	NACE		V4	
Hastelloy® C-276	On flanges side top	NACE		V5	
Hastelloy® C-276	On flanges side bottom	NACE		V6	
Monel 400®	On process axis	NACE		V7	
Monel 400®	On flanges side top	NACE		V8	
Monel 400®	On flanges side bottom	NACE		V9	
Explosion Protection Certification					
ATEX Intrinsic Safety Ex ia			(Note: 6)		E1
ATEX Explosion Proof Ex db_tb			(Note: 7)		E2
ATEX Intrinsic Safety Ex ic_tc			(Note: 6)		E3
FM Approvals (Canada) approval (XP, DIP, IS, NI)			(Note: 7)		E4
FM Approvals (USA) approval (XP, DIP, IS, NI)			(Note: 7)		E6
FM Approvals (USA and Canada) Intrinsically safe			(Note: 6)		EA
FM Approvals (USA and Canada) Explosionproof			(Note: 7)		EB
FM Approvals (USA and Canada) Nonincendive			(Note: 6)		EC
Combined ATEX, IECEx and FM Approvals (USA and Canada)			(Note: 7)		EN
Combined ATEX Ex ia, Ex db_tc and Ex ic_tc			(Note: 7)		EW
IECEx Intrinsic Safety Ex ia			(Note: 6)		E8
IECEx Explosion Proof Ex db_tb			(Note: 7)		E9
IECEx Intrinsic Safety Ex ic_tc			(Note: 6)		ER
Combined IEC Approval Ex ia and Ex db_tb			(Note: 7)		EH
Combined IEC Approval Ex ia, Ex db_tb and Ex ic_tc			(Note: 7)		EI
NEPSI Intrinsic Safety Ex ia_iaD			(Note: 6)		EY
NEPSI Explosion Proof Ex d_tD			(Note: 7)		EZ
NEPSI Intrinsic Safety Ex ic_nA_tD			(Note: 6)		ES
Combined NEPSI Ex ia_iaD and Ex d_tD			(Note: 7)		EP
Combined NEPSI Ex ia_iaD, Ex d_tD and Ex ic_nA_tD			(Note: 7)		EQ

...Additional ordering information for model 266MRT Differential Pressure Transmitter with remote seal(s)

		XX	XX	XX	XX	XX	XX
Other Explosion Protection Certifications							
For TR CU EAC Ex ia for Russia (incl. GOST Metrologic Approval)	(Note: 6)	W1					
For TR CU EAC Ex d for Russia (incl. GOST Metrologic Approval)	(Note: 7)	W2					
For TR CU EAC Ex ia for Kazakhstan (incl. GOST Metrologic Approval)	(Note: 6)	W3					
For TR CU EAC Ex d for Kazakhstan (incl. GOST Metrologic Approval)	(Note: 7)	W4					
For TR CU EAC Ex ia for Belarus (incl. GOST Metrologic Approval)	(Note: 6)	WF					
For TR CU EAC Ex d for Belarus (incl. GOST Metrologic Approval)	(Note: 7)	WG					
Integral LCD							
With integral LCD display			L1				
With integral touch screen LCD display (TTG)			L5				
Mounting Bracket Shape / Material							
For pipe/wall mounting / Carbon steel (Not suitable for AISI housing)				B1			
For pipe/wall mounting / AISI 316 SST (1.4401) (Not suitable for AISI housing)				B2			
Flat type bracket / AISI 316 SST (1.4401) (Not suitable for AISI housing)				B5			
Surge							
Surge/Transient Protector					S2		
Operating Instruction Language							
German						M1	
Italian						M2	
Spanish						M3	
French						M4	
English						M5	
Portuguese						MA	
Russian						MB	
Label and Tag Language							
German							T1
Italian							T2
Spanish							T3
Franch							T4

...Ordering Information

...Additional ordering information for model 266MRT Differential Pressure Transmitter with remote seal(s)

		XX	XX	XX	XX
Additional Tag Plate					
Supplemental wired-on stainless steel plate		I1			
Tag and certification stainless steel plates and laser printing of tag		I2			
Tag, certification and supplemental wired-on stainless steel plates and laser printing of tag		I3			
Configuration					
Standard – Pressure = inH2O/ psi at 68 °F; Temperature = deg. F			N2		
Standard – Pressure = inH2O/ psi at 39.2 °F; Temperature = deg. F			N3		
Standard – Pressure = inH2O/ psi at 20 °C; Temperature = deg. C			N4		
Standard – Pressure = inH2O/ psi at 4 °C; Temperature = deg. C			N5		
Custom			N6		
Configured for HART revision 5	(Note: 2)		NH		
Certificates					
Inspection certificate 3.1 to EN 10204 of calibration				C1	
Inspection certificate 3.1 to EN 10204 of helium leakage test of the sensor module				C4	
Certificate of compliance with the order EN 10204–2.1 of instrument design				C6	
PMI test of wetted parts				CT	
Approvals					
Metrologic Pattern for Russia	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)				Y1
Metrologic Pattern for Kazakhstan	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)				Y2
Metrologic Pattern for Belarus	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)				Y4
DNV GL approval					YA
Conformity to NAMUR NE 021 (2004)	(NOT APPLICABLE WITH SURGE PROTECTOR CODE “S2”) (Note: 2, 8)				YE

...Additional ordering information for model 266MRT Differential Pressure Transmitter with remote seal(s)

		XX	XX	XX
Material Traceability				
Inspection certificate EN 10204–3.1 of process wetted parts (not for gaskets)	(Note: 3)	H3		
Test report EN 10204–2.2 of pressure bearing and process wetted parts (not for gaskets)		H4		
Connector				
Fieldbus M12 x 1 (Recommended for PROFIBUS PA, supplied loose, without mating plug)			U1	
Fieldbus M12 x 1 (Recommended for PROFIBUS PA, supplied loose, without mating plug)			U2	
Harting Han 8D (8U), straight entry (supplied loose)			U3	
Harting Han 8D (8U), angle entry (supplied loose)			U4	
Harting Han 7D (supplied loose)			U5	
With cable gland M20 x 1.5 (Plastic, black, supplied loose)			U8	
Seal Type High / Low Pressure Side				
For ordering information please refer to S26 pages				

Note 1: Select connector with additional ordering code
Note 2: Not available with Output code 2, 3
Note 3: Minor parts with factory certificate according to EN 10204
Note 4: Not available with housing material / electrical connection code G, W, Z
Note 5: Not available with housing material / electrical connection code E, K
Note 6: Not available with housing material / electrical connection code E, G, K, W, Z
Note 7: Not available with housing material / electrical connection code E, G, J, K, W, Z
Note 8: Not available with Hazardous area certification code E4, E6, EA, EB, EC, EN, EY, EZ, ES, EP, EQ, W1, W2, W3, W4, WF, WG

Standard delivery scope (changes possible with additional ordering code)

- Adapters supplied loose
- Plugs for process axis (no vent / drain valves)
- For standard applications (without explosion protection)
- No display, no mounting bracket, no surge protection
- Short-form leaflet instruction and labels in English (metal nameplate; self-adhesive certification and tag)
- Configuration with kPa and °C units
- No test, inspection, or material certificates

...Ordering Information

Basic ordering information for model 266GRT gauge pressure transmitter with remote diaphragm seal, overpressure limit dependent upon diaphragm seal / pressure sensor limits

Select one or more characters from each category and enter the complete catalog number.

Enter one or more codes for additional order information if you are purchasing optional extras for each transmitter.

Base model - 1st to 6th characters				**266GRT**	**X**	**X**	**X**	**X**	**X**
Gauge pressure transmitter with remote seal, base accuracy 0.04 %									
Sensor Span Limits – 7th character									
0.6 and 6 kPa	6 and 60 mbar	2.41 and 24 inH2O	/ 1 MPa (10 bar, 145 psi)		C				
0.67 and 40 kPa	6.7 and 400 mbar	2.67 and 160 inH2O	/ 1 MPa (10 bar, 145 psi)		F				
4.17 and 250 kPa	41.7 and 2500 mbar	16.7 and 1000 inH2O	/ 3 MPa (30 bar, 435 psi)		L				
16.7 and 1000 kPa	0.167 and 10 bar	2.42 and 145 psi	/ 6 MPa (60 bar, 870 psi)		D				
50 and 3000 kPa	0.5 and 30 bar	7.25 and 435 psi	/ 6 MPa (60 bar, 870 psi)		U				
167 and 10000 kPa	1.67 and 100 bar	24.2 and 1450 psi	/ 30 MPa (300 bar, 4350 psi)		R				
1000 and 60000 kPa	10 and 600 bar	145 and 8700 psi	/ 90 MPa (900 bar, 13050 psi)		V				
Diaphragm Material / Fill Fluid – 8th character									
Diaphragm seal mounted		Silicone oil (specify diaphragm seal separately)				R			
Diaphragm seal mounted		Fluorocarbon - Galden (specify diaphragm seal separately)				2			
Diaphragm seal mounted		White oil (specify diaphragm seal separately)				N			
Process Connection Material / Type – 9th character									
Diaphragm seal (except in the case of button diaphragm seals, specify diaphragm seal separately)							R		
Button diaphragm seal (specify button diaphragm seal separately)							G		
Direct mount diaphragm seal (one direct mount seal to be quoted)							M		
Housing Material / Electrical Connection – 10th character									
Aluminium alloy (Barrel type)	1/2 in - 14 NPT							A	
Aluminium alloy (Barrel type)	M20 x 1.5							B	
Aluminium alloy (Barrel type)	Harting Han plug connector	(for standard applications)	(Note: 1)					E	
Aluminium alloy (Barrel type)	Fieldbus plug connector	(for standard applications)	(Note: 1)					G	
Stainless steel (Barrel type)	1/2 in - 14 NPT							S	
Stainless steel (Barrel type)	M20 x 1.5							T	
Aluminium alloy (DIN type)	M20 x 1.5							J	
Aluminium alloy (DIN type)	Harting Han plug connector	(for standard applications)	(Note: 1)					K	
Aluminium alloy (DIN type)	Fieldbus plug connector	(for standard applications)	(Note: 1)					W	
Stainless steel (Barrel type)	Fieldbus plug connector	(for standard applications)	(Note: 1)					Z	
Output – 11th character									
HART digital communication and 4 to 20 mA			(Note: 4)						1
PROFIBUS PA			(Note: 5)						2
FOUNDATION fieldbus			(Note: 5)						3
HART digital communication and 4 to 20 mA, SIL2 and SIL3-certified in acc. with IEC 61508			(Note: 4)						8

Additional ordering information for model 266GRT gauge pressure transmitter with remote diaphragm seal

Add one or more 2-digit code(s) after the basic ordering information to select all required options.

		XX	XX
Explosion Protection Certification			
ATEX Intrinsic Safety Ex ia	(Note: 6)	E1	
ATEX Explosion Proof Ex db_tb	(Note: 7)	E2	
ATEX Intrinsic Safety Ex ic_tc	(Note: 6)	E3	
FM Approvals (Canada) approval (XP, DIP, IS, NI)	(Note: 7)	E4	
FM Approvals (USA) approval (XP, DIP, IS, NI)	(Note: 7)	E6	
FM Approvals (USA and Canada) Intrinsically safe	(Note: 6)	EA	
FM Approvals (USA and Canada) Explosionproof	(Note: 7)	EB	
FM Approvals (USA and Canada) Nonincendive	(Note: 6)	EC	
Combined ATEX, IECEx and FM Approvals (USA and Canada)	(Note: 7)	EN	
Combined ATEX Ex ia, Ex db_tc and Ex ic_tc	(Note: 7)	EW	
IECEx Intrinsic Safety Ex ia	(Note: 6)	E8	
IECEx Explosion Proof Ex db_tb	(Note: 7)	E9	
IECEx Intrinsic Safety Ex ic_tc	(Note: 6)	ER	
Combined IEC Approval Ex ia and Ex db_tb	(Note: 7)	EH	
Combined IEC Approval Ex ia, Ex db_tb and Ex ic_tc	(Note: 7)	EI	
NEPSI Intrinsic Safety Ex ia_iaD	(Note: 6)	EY	
NEPSI Explosion Proof Ex d_tD	(Note: 7)	EZ	
NEPSI Intrinsic Safety Ex ic_nA_tD	(Note: 6)	ES	
Combined NEPSI Ex ia_iaD and Ex d_tD	(Note: 7)	EP	
Combined NEPSI Ex ia_iaD, Ex d_tD and Ex ic_nA_tD	(Note: 7)	EQ	
Other Explosion Protection Certifications			
For TR CU EAC Ex ia for Russia (incl. GOST Metrologic Approval)	(Note: 6)		W1
For TR CU EAC Ex d for Russia (incl. GOST Metrologic Approval)	(Note: 7)		W2
For TR CU EAC Ex ia for Kazakhstan (incl. GOST Metrologic Approval)	(Note: 6)		W3
For TR CU EAC Ex d for Kazakhstan (incl. GOST Metrologic Approval)	(Note: 7)		W4
For TR CU EAC Ex ia for Belarus (incl. GOST Metrologic Approval)	(Note: 6)		WF
For TR CU EAC Ex d for Belarus (incl. GOST Metrologic Approval)	(Note: 7)		WG

...Ordering Information

...Additional ordering information for model 266GRT gauge pressure transmitter with remote diaphragm seal

	XX	XX	XX	XX	XX	XX
Integral LCD						
With integral LCD display	L1					
TTG (Through The Glass) integral digital LCD display	L5					
Mounting Bracket Shape / Material						
For horizontal or vertical pipe and wall mounting / carbon steel		B6				
For horizontal or vertical pipe and wall mounting / AISI 316 (1.4401)		B7				
Surge						
Surge/Transient Protector			S2			
Language of documentation						
German				M1		
Italian				M2		
Spanish				M3		
French				M4		
English				M5		
Portuguese				MA		
Russian				MB		
Label and Tag Language (material)						
German					T1	
Italian					T2	
Spanish					T3	
French					T4	
Additional Tag Plate						
Supplemental wired-on stainless steel plate						I1
Tag and certification stainless steel plates and laser printing of tag						I2
Tag, certification and supplemental wired-on stainless steel plates and laser printing of tag						I3

...Additional ordering information for model 266GRT gauge pressure transmitter with remote diaphragm seal

		XX	XX	XX	XX	XX	XX
Configuration							
Standard – Pressure = inH2O/ psi at 68 °F; Temperature = deg. F		N2					
Standard – Pressure = inH2O/ psi at 39.2 °F; Temperature = deg. F		N3					
Standard – Pressure = inH2O/ psi at 20 °C; Temperature = deg. C		N4					
Standard – Pressure = inH2O/ psi at 4 °C; Temperature = deg. C		N5					
Custom		N6					
Configured for HART revision 5	(Note 2)	NH					
Certificates							
Inspection certificate 3.1 to EN 10204 of calibration			C1				
Inspection certificate 3.1 to EN 10204 of helium leakage test of the sensor module			C4				
Certificate of compliance with the order EN 10204–2.1 of instrument design			C6				
PMI test of wetted parts			CT				
Approvals							
Metrologic Pattern for Russia	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)			Y1			
Metrologic Pattern for Kazakhstan	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)			Y2			
Metrologic Pattern for Belarus	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)			Y4			
DNV GL approval				YA			
Conformity to NAMUR NE 021 (2004)	(NOT APPLICABLE WITH SURGE PROTECTOR CODE “S2”) (Note 2, 8)			YE			
Material traceability							
Inspection certificate EN 10204–3.1 of process wetted parts (not for gaskets)	(Note 3)				H3		
Test report EN 10204–2.2 of pressure bearing and process wetted parts (not for gaskets)					H4		
Connector							
Fieldbus 7/8 in (Recommended for FOUNDATION Fieldbus, supplied loose, without mating plug)						U1	
Fieldbus M12 x 1 (Recommended for PROFIBUS PA, supplied loose, without mating plug)						U2	
Harting Han 8D (8U), straight entry (supplied loose)						U3	
Harting Han 8D (8U), angle entry (supplied loose)						U4	
Harting Han 7D (supplied loose)						U5	
With cable gland M20 x 1.5 (Plastic, black, supplied loose)						U8	
Seal Type High Pressure Side							
For ordering information please refer to S26 pages							

Note 1: Select connector with additional ordering code
Note 2: Not available with Output code 2, 3
Note 3: Minor parts with factory certificate according to EN 10204
Note 4: Not available with housing material / electrical connection code G, W, Z
Note 5: Not available with housing material / electrical connection code E, K
Note 6: Not available with housing material / electrical connection code E, G, K, W, Z
Note 7: Not available with housing material / electrical connection code E, G, J, K, W, Z
Note 8: Not available with Hazardous area certification code E4, E6, EA, EB, EC, EN, EY, EZ, ES, EP, EQ, W1, W2, W3, W4, WF, WG

Standard delivery scope (changes possible with additional ordering code)

- For standard applications (without explosion protection)
- No display, no mounting bracket, no surge protection
- Short-form leaflet instruction and labels in English (metal nameplate; self-adhesive certification and tag)
- Configuration with kPa and °C units
- No test, inspection, or material certificates

...Ordering information

Main ordering information for model 266ART absolute pressure transmitter with remote diaphragm seal, overpressure limit dependent upon diaphragm seal / pressure sensor limits

Select one or more characters from each category and enter the complete catalog number.

Enter one or more codes for additional order information if you are purchasing optional extras for each transmitter.

Base model - 1st to 6th characters				**266ART**	**X**	**X**	**X**	**X**	**X**
Gauge pressure transmitter with remote seal, base accuracy 0.04 %									
Sensor Span Limits – 7th character									
1.2 and 6 kPa	12 and 60 mbar	4.82 and 24 inH2O 9 and 45 mmHg	/ 1 MPa (10 bar, 145 psi)		C				
2 and 40 kPa	20 and 400 mbar	15 and 300 mmHg	/ 1 MPa (10 bar, 145 psi)		F				
12.5 and 250 kPa	125 and 2500 mbar	93.8 and 1.875 mmHg	/ 3 MPa (30 bar, 435 psi)		L				
50 and 1000 kPa	0.5 and 10 bar	7.25 and 145 psi	/ 6 MPa (60 bar, 870 psi)		D				
150 and 3000 kPa	1.5 and 30 bar	21.7 and 435 psi	/ 6 MPa (60 bar, 870 psi)		U				
500 and 10000 kPa	5 and 100 bar	72.5 and 1450 psi	/ 30 MPa (300 bar, 4350 psi)		R				
Diaphragm Material / Fill Fluid – 8th character									
Diaphragm seal mounted		Silicone oil (specify diaphragm seal separately)				R			
Diaphragm seal mounted		Fluorocarbon - Galden (specify diaphragm seal separately)				2			
Diaphragm seal mounted		White oil (specify diaphragm seal separately)				N			
Process Connection Material / Type – 9th character									
Diaphragm seal (except in the case of button diaphragm seals, specify diaphragm seal separately)							R		
Button diaphragm seal (specify button diaphragm seal separately)							G		
Direct mount diaphragm seal (one direct mount seal to be quoted)							M		
Housing Material / Electrical Connection – 10th character									
Aluminium alloy (Barrel type)	1/2 in - 14 NPT							A	
Aluminium alloy (Barrel type)	M20 x 1.5							B	
Aluminium alloy (Barrel type)	Harting Han plug connector	(for standard applications)	(Note: 1)					E	
Aluminium alloy (Barrel type)	Fieldbus plug connector	(for standard applications)	(Note: 1)					G	
Stainless steel (Barrel type)	1/2 in - 14 NPT							S	
Stainless steel (Barrel type)	M20 x 1.5							T	
Aluminium alloy (DIN type)	M20 x 1.5							J	
Aluminium alloy (DIN type)	Harting Han plug connector	(for standard applications)	(Note: 1)					K	
Aluminium alloy (DIN type)	Fieldbus plug connector	(for standard applications)	(Note: 1)					W	
Stainless steel (Barrel type)	Fieldbus plug connector	(for standard applications)	(Note: 1)					Z	
Output – 11th character									
HART digital communication and 4 to 20 mA				(Note: 4)					1
PROFIBUS PA				(Note: 5)					2
FOUNDATION fieldbus				(Note: 5)					3
HART digital communication and 4 to 20 mA, SIL2 and SIL3-certified in acc. with IEC 61508				(Note: 4)					8

Additional ordering information for model 266ART absolute pressure transmitter with remote diaphragm seal

Add one or more 2-digit code(s) after the basic ordering information to select all required options.

		XX	XX
Explosion Protection Certification			
ATEX Intrinsic Safety Ex ia	(Note: 6)	E1	
ATEX Explosion Proof Ex db_tb	(Note: 7)	E2	
ATEX Intrinsic Safety Ex ic_tc	(Note: 6)	E3	
FM Approvals (Canada) approval (XP, DIP, IS, NI)	(Note: 7)	E4	
FM Approvals (USA) approval (XP, DIP, IS, NI)	(Note: 7)	E6	
FM Approvals (USA and Canada) Intrinsically safe	(Note: 6)	EA	
FM Approvals (USA and Canada) Explosionproof	(Note: 7)	EB	
FM Approvals (USA and Canada) Nonincendive	(Note: 6)	EC	
Combined ATEX, IECEx and FM Approvals (USA and Canada)	(Note: 7)	EN	
Combined ATEX Ex ia, Ex db_tc and Ex ic_tc	(Note: 7)	EW	
IECEx Intrinsic Safety Ex ia	(Note: 6)	E8	
IECEx Explosion Proof Ex db_tb	(Note: 7)	E9	
IECEx Intrinsic Safety Ex ic_tc	(Note: 6)	ER	
Combined IEC Approval Ex ia and Ex db_tb	(Note: 7)	EH	
Combined IEC Approval Ex ia, Ex db_tb and Ex ic_tc	(Note: 7)	EI	
NEPSI Intrinsic Safety Ex ia_iaD	(Note: 6)	EY	
NEPSI Explosion Proof Ex d_tD	(Note: 7)	EZ	
NEPSI Intrinsic Safety Ex ic_nA_tD	(Note: 6)	ES	
Combined NEPSI Ex ia_iaD and Ex d_tD	(Note: 7)	EP	
Combined NEPSI Ex ia_iaD, Ex d_tD and Ex ic_nA_tD	(Note: 7)	EQ	
Other Explosion Protection Certifications			
For TR CU EAC Ex ia for Russia (incl. GOST Metrologic Approval)	(Note: 6)		W1
For TR CU EAC Ex d for Russia (incl. GOST Metrologic Approval)	(Note: 7)		W2
For TR CU EAC Ex ia for Kazakhstan (incl. GOST Metrologic Approval)	(Note: 6)		W3
For TR CU EAC Ex d for Kazakhstan (incl. GOST Metrologic Approval)	(Note: 7)		W4
For TR CU EAC Ex ia for Belarus (incl. GOST Metrologic Approval)	(Note: 6)		WF
For TR CU EAC Ex d for Belarus (incl. GOST Metrologic Approval)	(Note: 7)		WG

…Ordering information

…Additional ordering information for model 266ART absolute pressure transmitter with remote diaphragm seal

	XX	XX	XX	XX	XX	XX
Integral LCD						
With integral LCD display	L1					
TTG (Through The Glass) integral digital LCD display	L5					
Mounting Bracket Shape / Material						
For horizontal or vertical pipe and wall mounting / carbon steel		B6				
For horizontal or vertical pipe and wall mounting / AISI 316 (1.4401)		B7				
Surge						
Surge/Transient Protector			S2			
Operating Instruction Language						
German				M1		
Italian				M2		
Spanish				M3		
French				M4		
English				M5		
Portuguese				MA		
Russian				MB		
Label and Tag Language						
German					T1	
Italian					T2	
Spanish					T3	
French					T4	
Additional Tag Plate						
Supplemental wired-on stainless steel plate						I1
Tag and certification stainless steel plates and laser printing of tag						I2
Tag, certification and supplemental wired-on stainless steel plates and laser printing of tag						I3

...Additional ordering information for model 266ART absolute pressure transmitter with remote diaphragm seal

		XX	XX	XX	XX	XX	XX
Configuration							
Standard – Pressure = inH2O/ psi at 68 °F; Temperature = deg. F		N2					
Standard – Pressure = inH2O/ psi at 39.2 °F; Temperature = deg. F		N3					
Standard – Pressure = inH2O/ psi at 20 °C; Temperature = deg. C		N4					
Standard – Pressure = inH2O/ psi at 4 °C; Temperature = deg. C		N5					
Custom		N6					
Configured for HART revision 5	(Note 2)	NH					
Certificates							
Inspection certificate 3.1 to EN 10204 of calibration	(Note 9)		C1				
Inspection certificate 3.1 to EN 10204 of helium leakage test of the sensor module			C4				
Certificate of compliance with the order EN 10204–2.1 of instrument design			C6				
PMI test of wetted parts			CT				
Approvals							
Metrologic Pattern for Russia	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)			Y1			
Metrologic Pattern for Kazakhstan	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)			Y2			
Metrologic Pattern for Belarus	(NOT APPLICABLE WITH ANY HAZARDOUS AREA CERTIFICATION)			Y4			
DNV GL approval				YA			
Conformity to NAMUR NE 021 (2004)	(NOT APPLICABLE WITH SURGE PROTECTOR CODE “S2”) (Note 2, 8)			YE			
Material traceability							
Inspection certificate EN 10204–3.1 of process wetted parts (not for gaskets)	(Note 3)				H3		
Test report EN 10204–2.2 of pressure bearing and process wetted parts (not for gaskets)					H4		
Connector							
Fieldbus 7/8 in (Recommended for FOUNDATION Fieldbus, supplied loose, without mating plug)						U1	
Fieldbus M12 x 1 (Recommended for PROFIBUS PA, supplied loose, without mating plug)						U2	
Harting Han 8D (8U), straight entry (supplied loose)						U3	
Harting Han 8D (8U), angle entry (supplied loose)						U4	
Harting Han 7D (supplied loose)						U5	
With cable gland M20 x 1.5 (Plastic, black, supplied loose)						U8	
Seal Type High Pressure Side							
For ordering information please refer to S26 pages							

Note 1: Select connector with additional ordering code
Note 2: Not available with Output code 2, 3
Note 3: Minor parts with factory certificate according to EN 10204
Note 4: Not available with housing material / electrical connection code G, W, Z
Note 5: Not available with housing material / electrical connection code E, K
Note 6: Not available with housing material / electrical connection code E, G, K, W, Z
Note 7: Not available with housing material / electrical connection code E, G, J, K, W, Z
Note 8: Not available with Hazardous area certification code E4, E6, EA, EB, EC, EN, EY, EZ, ES, EP, EQ, W1, W2, W3, W4, WF, WG
Note 9: Not available with sensor code C, if calibrated at turndown > 2

Standard delivery scope (changes possible with additional ordering code)

- For standard applications (without explosion protection)
- No display, no mounting bracket, no surge protection
- Short-form leaflet instruction and labels in English (metal nameplate; self-adhesive certification and tag)
- Configuration with kPa and °C units
- No test, inspection, or material certificates

...Ordering Information

Basic ordering information for model S26RA Rotating flange diaphragm seals (flush and extended) to ASME B16.5
Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters			**S 2 6 R A**	**X**	**XX**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Rotating flange diaphragm seal (Raised face flush and extended) to ASME B16.5													
Transmitter Side of Connection - 6th character										continued see next page			
High pressure side				H									
Low pressure side				L									
Mounting Flange Rating / Size - 7th and 8th characters													
ASME CL 150 / 2 in.					E1								
ASME CL 300 / 2 in.					E2								
ASME CL 600 / 2 in.					E3								
ASME CL 900-1500 / 2 in.					E5								
ASME CL 150 / 3 in.					G1								
ASME CL 300 / 3 in.					G2								
ASME CL 600 / 3 in.					G3								
ASME CL 900 / 3 in.					G4								
ASME CL 1500 / 3 in.					G5								
ASME CL 150 / 4 in.					H1								
ASME CL 300 / 4 in.					H2								
Mounting Flange Material - 9th character													
Carbon steel						C							
AISI 316 ss						S							
Extensions Length and Material - 10th character													
Flush							F						
50 mm (2 in.)	AISI 316 L ss	(Note 1)					1						
50 mm (2 in.)	Hastelloy C-276	(Note 1)					2						
100 mm (4 in.)	AISI 316 L ss	(Note 1)					3						
100 mm (4 in.)	Hastelloy C-276	(Note 1)					4						
150 mm (6 in.)	AISI 316 L ss	(Note 1)					5						
150 mm (6 in.)	Hastelloy C-276	(Note 1)					6						
Diaphragm Material - 11th and 12th characters													
AISI 316 L ss		(Note 2)			NACE			SM					
AISI 316 L ss - Low thickness (not for extended diaphragm)		(Note 3)			NACE			SL					
Hastelloy C-276					NACE			HM					
Hastelloy C-276 - Low thickness (not for extended diaphragm)		(Note 3)			NACE			HL					
Hastelloy C-2000 (not for extended diaphragm)		(Note 3)			NACE			MM					
Hastelloy C-2000 diaphragm and body (not for extended diaphragm)		(Note 3)			NACE			ZM					
Inconel 625 (not for extended diaphragm)		(Note 3)			NACE			LM					
Tantalum (not for extended diaphragm)		(Note 3)						TM					
AISI 316 L ss gold plated (not for extended diaphragm)		(Note 3)			NACE			NM					
AISI 316 L ss with PFA anti-stick coating		(Note 2)			NACE			KM					
Hastelloy C-276 with PFA anti-stick coating					NACE			YM					
AISI 316 L ss with PFA coating anti-corrosion and anti-stick		(Note 2)			NACE			WM					
Diaflex (AISI with anti-abrasion treatment)		(Note 2)			NACE			FM					
Superduplex ss (UNS S32750 to ASTM SA479) (not for extended diaphragm)		(Note 3)			NACE			EM					
Monel (not for extended diaphragm)		(Note 3)			NACE			GM					

...Basic ordering information for model S26RA Rotating flange diaphragm seals (flush and extended) to ASME B16.5

		S 2 6 R A X X X X X X	X	X	X	X	X	X	X
Seal Surface Finish - 13th character									
Serrated		(Note 4)	1				continued see next page		
Smooth		(Note 15)	2						
Capillary Protection - 14th character									
AISI 316 L ss armour				A					
AISI 316 L ss armour with PVC protective cover				B					
Extension tube for direct mount seal		(Note 5)		N					
Capillary Length m (Feet) - 15th character									
Direct-mount construction		(Note 6)			1				
1 (3)		(Note 7)			A				
1.5 (5)		(Note 7)			B				
2 (7)		(Note 7)			C				
2.5 (8)		(Note 7)			D				
3 (10)		(Note 7)			E				
3.5 (12)		(Note 7)			F				
4 (13)		(Note 7)			G				
4.5 (15)		(Note 7)			H				
5 (17)		(Note 7)			J				
5.5 (18)		(Note 7)			K				
6 (20)		(Note 7)			L				
6.5 (22)		(Note 7)			M				
7 (23.5)		(Note 7)			N				
7.5 (25)		(Note 7)			P				
8 (27)		(Note 7)			Q				
9 (30)		(Note 7)			R				
10 (33)		(Note 7)			S				
12 (40)		(Note 7)			T				
14 (47)		(Note 7)			U				
16 (53)		(Note 7)			V				
Fill Fluid - 16th character									
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)					S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)					P			
Inert oil - Galden G5	(Oxygen service)	(Note 8)				N			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)					G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)					C			
Mineral oil Esso Marcol 152	(FDA approved)	(Note 9)				W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 9)				A			
Glycerin-water 70%	(FDA approved)	(Note 9)				B			

...Ordering Information

...Basic ordering information for model S26RA Rotating flange diaphragm seals (flush and extended) to ASME B16.5

	S26RAXXXXXXXXXXX		X	X	X
Flushing Ring: Hole and Thread - 17th character					
None (TO BE SELECTED FOR EXTENDED VERSIONS)			N		
1 hole - 1/2 in. NPT	(Note 3)		2		
2 holes - 1/2 in. NPT	(Note 3)		3		
1 hole - 1/4 in. NPT	(Note 3)		4		
2 holes - 1/4 in. NPT	(Note 3)		5		
Flushing Ring Material - 18th character					
None	(Note 10)			N	
AISI 316 L ss	(Note 11)	NACE		A	
Hastelloy C-276	(Notes 11, 12)	NACE		H	
Flushing Ring: Plug and Gasket - 19th character					
No plug - No gasket					N
No plug - garlock	(Note 11)				A
No plug - PTFE	(Note 11)				B
No plug - graphite	(Note 11)				C
AISI 316 L ss - no gasket	(Notes 11, 13)	NACE			D
AISI 316 L ss - garlock	(Notes 11, 13)	NACE			E
AISI 316 L ss - PTFE	(Notes 11, 13)	NACE			F
AISI 316 L ss - graphite	(Notes 11, 13)	NACE			G
Hastelloy C-276 - no gasket	(Notes 11, 14)	NACE			H
Hastelloy C-276 - garlock	(Notes 11, 14)	NACE			L
Hastelloy C-276 - PTFE	(Notes 11, 14)	NACE			M
Hastelloy C-276 - graphite	(Notes 11, 14)	NACE			P

Note 1: Not available with mounting flange rating code E3, E5, G3, G4, G5
Note 2: Not available with extensions length and material code 2, 4, 6
Note 3: Not available with extensions length and material code 1, 2, 3, 4, 5, 6
Note 4: Not available with diaphragm material code MM, LM, TM, NM, KM, YM, WM
Note 5: Not available with transmitter side of connection code L
Note 6: Not available with capillary protection code A, B
Note 7: Not available with capillary protection code N
Note 8: Suitable for oxygen service
Note 9: Suitable for food application
Note 10: Not available with Flushing ring: hole and thread code 2, 3, 4, 5
Note 11: Not available with Flushing ring: hole and thread code N
Note 12: Not available with Seal surface finish code 1
Note 13: Not available with Hastelloy C-276 flushing ring material code H
Note 14: Not available with AISI 316 L flushing ring material code A
Note 15: Not available with diaphragm material code ZM

Basic ordering information for model S26RE Rotating flange diaphragm seals (flush and extended) to EN 1092-1
Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters			**S 2 6 R E**	**X**	**XX**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Rotating flange diaphragm seal (flush and extended) to EN 1092-1													
Transmitter Side of Connection - 6th character										continued see next page			
High pressure side				H									
Low pressure side				L									
Mounting Flange Rating / Size - 7th and 8th characters													
PN 16 - 40 / DN 50					N2								
PN 63 / DN 50					N3								
PN 100 / DN 50					N4								
PN 16 / DN 80					P1								
PN 40 / DN 80					P2								
PN 63 / DN 80					P3								
PN 100 / DN 80					P4								
PN 16 / DN 100					Q1								
PN 40 / DN 100					Q2								
Mounting Flange Material - 9th character													
Carbon steel						C							
AISI 316 ss						S							
Extensions Length and Material - 10th character													
Flush							F						
50 mm. (2 in.)	AISI 316 L ss	(Note 1)					1						
50 mm. (2 in.)	Hastelloy C-276	(Note 1)					2						
100 mm. (4 in.)	AISI 316 L ss	(Note 1)					3						
100 mm. (4 in.)	Hastelloy C-276	(Note 1)					4						
150 mm. (6 in.)	AISI 316 L ss	(Note 1)					5						
150 mm. (6 in.)	Hastelloy C-276	(Note 1)					6						
Diaphragm Material - 11th and 12th characters													
AISI 316 L ss		(Note 2)			NACE			SM					
AISI 316 L ss - Low thickness (not for extended diaphragm)		(Note 3)			NACE			SL					
Hastelloy C-276					NACE			HM					
Hastelloy C-276 - Low thickness (not for extended diaphragm)		(Note 3)			NACE			HL					
Hastelloy C-2000 (not for extended diaphragm)		(Note 3)			NACE			MM					
Inconel 625 (not for extended diaphragm)		(Note 3)			NACE			LM					
Tantalum (not for extended diaphragm)		(Note 3)						TM					
AISI 316 L ss gold plated (not for extended diaphragm)		(Note 3)			NACE			NM					
AISI 316 L ss with PFA anti-stick coating		(Note 2)			NACE			KM					
Hastelloy C-276 with PFA anti-stick coating					NACE			YM					
AISI 316 L ss with PFA coating anti-corrosion and anti-stick		(Note 2)			NACE			WM					
Diaflex (AISI with anti-abrasion treatment)		(Note 2)			NACE			FM					
Superduplex ss (UNS S32750 to ASTM SA479) (not for extended diaphragm)		(Note 3)			NACE			EM					
Monel		(Note 3)			NACE			GM					

...Ordering Information

...Basic ordering information for model S26RE Rotating flange diaphragm seals (flush and extended) to EN 1092-1

		S26REXXXXXXX	X	X	X	X	X	X	X
Seal Surface Finish - 13th character									
Serrated		(Note 4)	1						
Smooth			2						
Capillary Protection - 14th character									
AISI 316 L ss armour				A					
AISI 316 L ss armour with PVC protective cover				B					
Extension tube for direct mount seal		(Note 5)		N					
Capillary Length m (Feet) - 15th character									
Direct-mount construction		(Note 6)			1				
1 (3)		(Note 7)			A				
1.5 (5)		(Note 7)			B				
2 (7)		(Note 7)			C				
2.5 (8)		(Note 7)			D				
3 (10)		(Note 7)			E				
3.5 (12)		(Note 7)			F				
4 (13)		(Note 7)			G				
4.5 (15)		(Note 7)			H				
5 (17)		(Note 7)			J				
5.5 (18)		(Note 7)			K				
6 (20)		(Note 7)			L				
6.5 (22)		(Note 7)			M				
7 (23.5)		(Note 7)			N				
7.5 (25)		(Note 7)			P				
8 (27)		(Note 7)			Q				
9 (30)		(Note 7)			R				
10 (33)		(Note 7)			S				
12 (40)		(Note 7)			T				
14 (47)		(Note 7)			U				
16 (53)		(Note 7)			V				
Fill Fluid - 16th character									
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)					S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)					P			
Inert oil - Galden G5	(Oxygen service)	(Note 8)				N			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)					G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)					C			
Mineral oil Esso Marcol 152	(FDA approved)	(Note 9)				W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 9)				A			
Glycerin-water 70%	(FDA approved)	(Note 9)				B			

continued
see next page

..Basic ordering information for model S26RE Rotating flange diaphragm seals (flush and extended) to EN 1092-1

	S 2 6 R E X X X X X X X X X X X		X	X	X
Flushing Ring: Hole and Thread - 17th character					
None (TO BE SELECTED FOR EXTENDED VERSIONS)			N		
1 hole - 1/2 in. NPT	(Note 3)		2		
2 holes - 1/2 in. NPT	(Note 3)		3		
1 hole - 1/4 in. NPT	(Note 3)		4		
2 holes - 1/4 in. NPT	(Note 3)		5		
Flushing Ring Material - 18th character					
None	(Note 10)			N	
AISI 316 L ss	(Note 11)	NACE		A	
Hastelloy C-276	(Notes 11, 12)	NACE		H	
Flushing Ring: Plug and Gasket - 19th character					
No plug - No gasket					N
No plug - garlock	(Note 11)				A
No plug - PTFE	(Note 11)				B
No plug - graphite	(Note 11)				C
AISI 316 L ss - no gasket	(Notes 11, 13)	NACE			D
AISI 316 L ss - garlock	(Notes 11, 13)	NACE			E
AISI 316 L ss - PTFE	(Notes 11, 13)	NACE			F
AISI 316 L ss - graphite	(Notes 11, 13)	NACE			G
Hastelloy C-276 - no gasket	(Notes 11, 14)	NACE			H
Hastelloy C-276 - garlock	(Notes 11, 14)	NACE			L
Hastelloy C-276 - PTFE	(Notes 11, 14)	NACE			M
Hastelloy C-276 - graphite	(Notes 11, 14)	NACE			P

Note 1: Not available with mounting flange rating code N3, N4, P3, P4
Note 2: Not available with extensions length and material code 2, 4, 6
Note 3: Not available with extensions length and material code 1, 2, 3, 4, 5, 6
Note 4: Not available with diaphragm material code MM, LM, TM, NM, KM, YM, WM
Note 5: Not available with transmitter side of connection code L
Note 6: Not available with capillary protection code A, B
Note 7: Not available with capillary protection code N
Note 8: Suitable for oxygen service
Note 9: Suitable for food application
Note 10: Not available with Flushing ring: hole and thread code 2, 3, 4, 5
Note 11: Not available with Flushing ring: hole and thread code N
Note 12: Not available with Seal surface finish code 1
Note 13: Not available with Hastelloy C-276 flushing ring material code H
Note 14: Not available with AISI 316 L flushing ring material code A

...Ordering Information

Basic ordering information for model S26RJ Rotating flange diaphragm seals (flush) to JIS

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters	**S 2 6 R J**	**X**	**XX**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**	**X**	**X**	
Rotating flange diaphragm seal (flush) to JIS														
Transmitter Side of Connection - 6th character														
High pressure side		H												
Low pressure side		L												
Mounting Flange Rating / Size - 7th and 8th characters														
10K / A50			B2											
20K / A50			B4											
40K / A50			B6											
10K / A80			C2											
20K / A80			C4											
40K / A80			C6											
10K / A100			D2											
20K / A100			D4											
Mounting Flange Material - 9th character														
Carbon steel				C										
AISI 316 ss				S										
Extensions Length - 10th character														
Flush					F									
Diaphragm Material - 11th and 12th characters														
AISI 316 L ss						NACE	SM							
Hastelloy C-276						NACE	HM							
Hastelloy C-2000						NACE	MM							
Inconel 625						NACE	LM							
Tantalum							TM							
AISI 316 L ss gold plated						NACE	NM							
AISI 316 L ss with PFA anti-stick coating						NACE	KM							
Hastelloy C-276 with PFA anti-stick coating						NACE	YM							
AISI 316 L ss with PFA coating anti-corrosion and anti-stick						NACE	WM							
Superduplex ss (UNS S32750 to ASTM SA479)						NACE	EM							
Seal Surface Finish - 13th character														
Serrated	(Note 1)							1						
Smooth								2						
Capillary Protection - 14th character														
AISI 316 L ss armour									A					
AISI 316 L ss armour with PVC protective cover									B					
Extension tube for direct mount seal	(Note 2)								N					

continued
see next page

...Basic ordering information for model S26RJ Rotating flange diaphragm seals (flush) to JIS

			S 2 6 R J X XX X X XX X X	X	X	X	X	X
Capillary Length m (Feet) - 15th character								
Direct-mount construction		(Note 3)		1				
1 (3)		(Note 4)		A				
1.5 (5)		(Note 4)		B				
2 (7)		(Note 4)		C				
2.5 (8)		(Note 4)		D				
3 (10)		(Note 4)		E				
3.5 (12)		(Note 4)		F				
4 (13)		(Note 4)		G				
4.5 (15)		(Note 4)		H				
5 (17)		(Note 4)		J				
5.5 (18)		(Note 4)		K				
6 (20)		(Note 4)		L				
6.5 (22)		(Note 4)		M				
7 (23.5)		(Note 4)		N				
7.5 (25)		(Note 4)		P				
8 (27)		(Note 4)		Q				
9 (30)		(Note 4)		R				
10 (33)		(Note 4)		S				
12 (40)		(Note 4)		T				
14 (47)		(Note 4)		U				
16 (53)		(Note 4)		V				
Fill Fluid - 16th character								
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P			
Inert oil - Galden G5	(Oxygen service)	(Note 5)			N			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C			
Mineral oil Esso Marcol 152	(FDA approved)	(Note 6)			W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 6)			A			
Glycerin-water 70%	(FDA approved)	(Note 6)			B			
Flushing Ring: Hole and Thread - 17th character								
None						N		
Flushing Ring Material - 18th character								
None							N	
Flushing Ring: Plug and Gasket - 19th character								
None								N

Note 1: Not available with diaphragm material code HM, MM, LM, TN, NM, KM, YM, WM
Note 2: Not available with transmitter side of connection code L
Note 3: Not available with capillary protection code A, B
Note 4: Not available with capillary protection code N
Note 5: Suitable for oxygen service
Note 6: Suitable for food application

...Ordering Information

Basic ordering information for model S26RR Rotating flange diaphragm seals (flush) Ring Joint to ASME B16.5
Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters	**S 2 6 R R**	**X**	**XX**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**	**X**	**X**
Rotating flange diaphragm seal (flush) Ring Joint to ASME B16.5													
Transmitter Side of Connection - 6th character										continued see next page			
High pressure side		H											
Low pressure side		L											
Mounting Flange Rating / Size - 7th and 8th characters													
ASME CL 150 / 1 1/2 in.			D1										
ASME CL 300 / 1 1/2 in.			D2										
ASME CL 600 / 1 1/2 in.			D3										
ASME CL 900-1500 / 1 1/2 in.			D5										
ASME CL 2500 / 1 1/2 in.			D6										
ASME CL 150 / 2 in.			E1										
ASME CL 300 / 2 in.			E2										
ASME CL 600 / 2 in.			E3										
ASME CL 900-1500 / 2 in.			E5										
ASME CL 2500 / 2 in.			E6										
ASME CL 150 / 3 in.			G1										
ASME CL 300 / 3 in.			G2										
ASME CL 600 / 3 in.			G3										
ASME CL 900 / 3 in.			G4										
ASME CL 1500 / 3 in.			G5										
ASME CL 2500 / 3 in. (NOT AVAILABLE FOR DIRECT MOUNT SEAL)			G6										
Mounting Flange Material - 9th character													
Carbon steel				C									
AISI 316 ss				S									
Extensions Length - 10th character													
Flush					F								
Diaphragm Material - 11th and 12th characters													
AISI 316 L ss			NACE			SM							
Hastelloy C-276			NACE			HM							
Inconel 625			NACE			LM							
Seal Surface Finish - 13th character													
Ring joint							3						
Capillary Protection - 14th character													
AISI 316 L ss armour								A					
AISI 316 L ss armour with PVC protective cover								B					
Extension tube for direct mount seal	(Note 1)							N					

...Basic ordering information for model S26RR Rotating flange diaphragm seals (flush) Ring Joint to ASME B16.5

			S 2 6 R R X XX X X XX X X	X	X	X	X	X
Capillary Length m (Feet) - 15th character								
Direct-mount construction		(Note 2)		1				
1 (3)		(Note 3)		A				
1.5 (5)		(Note 3)		B				
2 (7)		(Note 3)		C				
2.5 (8)		(Note 3)		D				
3 (10)		(Note 3)		E				
3.5 (12)		(Note 3)		F				
4 (13)		(Note 3)		G				
4.5 (15)		(Note 3)		H				
5 (17)		(Note 3)		J				
5.5 (18)		(Note 3)		K				
6 (20)		(Note 3)		L				
6.5 (22)		(Note 3)		M				
7 (23.5)		(Note 3)		N				
7.5 (25)		(Note 3)		P				
8 (27)		(Note 3)		Q				
9 (30)		(Note 3)		R				
10 (33)		(Note 3)		S				
12 (40)		(Note 3)		T				
14 (47)		(Note 3)		U				
16 (53)		(Note 3)		V				
Fill Fluid - 16th character								
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P			
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C			
Mineral oil Esso Marcol 152	(FDA approved)	(Note 5)			W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A			
Glycerin-water 70%	(FDA approved)	(Note 5)			B			
Flushing Ring: Hole and Thread - 17th character								
None						N		
Flushing Ring Material - 18th character								
None							N	
Flushing Ring: Plug and Gasket - 19th character								
None								N

Note 1: Not available with transmitter side of connection code L
Note 2: Not available with capillary protection code A, B
Note 3: Not available with capillary protection code N
Note 4: Suitable for oxygen service
Note 5: Suitable for food application

...Ordering Information

Basic ordering information for model S26FA Fixed flange diaphragm seals (flush and extended) to ASME B16.5
Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters	**S 2 6 F A**		**X**	**XX**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Fixed flange diaphragm seal (flush) to ASME B16.5												
Transmitter Side of Connection - 6th character												
High pressure side			H									
Low pressure side			L									
Mounting Flange Rating / Size - 7th and 8th characters												
ASME CL 150 / 2 in.				E1								
ASME CL 300 / 2 in.				E2								
ASME CL 600 / 2 in.				E3								
ASME CL 150 / 3 in.				G1								
ASME CL 300 / 3 in.				G2								
ASME CL 600 / 3 in.				G3								
ASME CL 150 / 4 in.				H1								
Mounting Flange Material - 9th character												
AISI 316 L ss					S							
Extensions Length and Material - 10th character												
Flush						F						
50 mm. (2 in.)	AISI 316 L ss					1						
100 mm. (4 in.)	AISI 316 L ss					3						
150 mm. (6 in.)	AISI 316 L ss					5						
Diaphragm Material - 11th and 12th characters												
AISI 316 L ss			NACE				SM					
AISI 316 L ss - Low thickness		(Note 1)	NACE				SL					
Hastelloy C-276			NACE				HM					
Hastelloy C-276 - Low thickness		(Note 1)	NACE				HL					
Hastelloy C-2000		(Note 1)	NACE				MM					
Inconel 625		(Note 1)	NACE				LM					

continued
see next page

...Basic ordering information for model S26FA Fixed flange diaphragm seals (flush and extended) to ASME B16.5

			S 2 6 F A X XX X X XX	X	X	X	X	X	X	X
Seal Surface Finish - 13th character										
Serrated		(Note 2)		1						
Smooth				2						
Capillary Protection - 14th character										
AISI 316 L ss armour					A					
AISI 316 L ss armour with PVC protective cover					B					
Extension tube for direct mount seal		(Note 3)			N					
Capillary Length m (Feet) - 15th character										
Direct-mount construction		(Note 4)				1				
1 (3)		(Note 5)				A				
1.5 (5)		(Note 5)				B				
2 (7)		(Note 5)				C				
2.5 (8)		(Note 5)				D				
3 (10)		(Note 5)				E				
3.5 (12)		(Note 5)				F				
4 (13)		(Note 5)				G				
4.5 (15)		(Note 5)				H				
5 (17)		(Note 5)				J				
5.5 (18)		(Note 5)				K				
6 (20)		(Note 5)				L				
6.5 (22)		(Note 5)				M				
7 (23.5)		(Note 5)				N				
7.5 (25)		(Note 5)				P				
8 (27)		(Note 5)				Q				
9 (30)		(Note 5)				R				
10 (33)		(Note 5)				S				
12 (40)		(Note 5)				T				
14 (47)		(Notes1, 5)				U				
16 (53)		(Notes1, 5)				V				
Fill Fluid - 16th character										
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)						S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)						P			
Inert oil - Galden G5	(Oxygen service)	(Note 6)					N			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)						G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)						C			
Mineral oil Esso Marcol 152	(FDA approved)	(Note 7)					W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 7)					A			
Glycerin-water 70%	(FDA approved)	(Note 7)					B			

continued see next page

...Ordering Information

...Basic ordering information for model S26FA Fixed flange diaphragm seals (flush and extended) to ASME B16.5

	S 2 6 F A X X X X X X X X X X X X	X	X	X
Flushing Ring: Hole and Thread - 17th character				
None		N		
1 hole - 1/2 in. NPT	(Note 1)	2		
2 holes - 1/2 in. NPT	(Note 1)	3		
1 hole - 1/4 in. NPT	(Note 1)	4		
2 holes - 1/4 in. NPT	(Note 1)	5		
Flushing Ring Material - 18th character				
None	(Note 8)		N	
AISI 316 L ss	(Note 9) NACE		A	
Hastelloy C-276	(Notes 9, 10) NACE		H	
Flushing Ring: Plug and Gasket - 19th character				
No plug - No gasket				N
No plug - garlock	(Note 9)			A
No plug - PTFE	(Note 9)			B
No plug - graphite	(Note 9)			C
AISI 316 L ss - no gasket	(Notes 9, 11) NACE			D
AISI 316 L ss - garlock	(Notes 9, 11) NACE			E
AISI 316 L ss - PTFE	(Notes 9, 11) NACE			F
AISI 316 L ss - graphite	(Notes 9, 11) NACE			G
Hastelloy C-276 - no gasket	(Notes 9, 12) NACE			H
Hastelloy C-276 - garlock	(Notes 9, 12) NACE			L
Hastelloy C-276 - PTFE	(Notes 9, 12) NACE			M
Hastelloy C-276 - graphite	(Notes 9, 12) NACE			P

Note 1: Not available with extensions length and material code 1, 3, 5
Note 2: Not available with diaphragm material code MM, LM
Note 3: Not available with transmitter side of connection code L
Note 4: Not available with capillary protection code A, B
Note 5: Not available with capillary protection code N
Note 6: Suitable for oxygen service
Note 7: Suitable for food application
Note 8: Not available with Flushing ring: hole and thread code 2, 3, 4, 5
Note 9: Not available with Flushing ring: hole and thread code N
Note 10: Not available with Seal surface finish code 1
Note 11: Not available with Hastelloy C-276 flushing ring material code H
Note 12: Not available with AISI 316 L flushing ring material code A

Basic ordering information for model S26FE Fixed flange diaphragm seals (flush and extended) to EN 1092-1
Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters	**S 2 6 F E**		**X**	**XX**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Fixed flange diaphragm seal (flush) to EN 1092-1												
Transmitter Side of Connection - 6th character												
High pressure side			H									
Low pressure side			L									
Mounting Flange Rating / Size - 7th and 8th characters												
PN 16 / DN 50				N1								
PN 40 / DN 50				N2								
PN 63 / DN 50		(Note 1)		N3								
PN 100 / DN 50		(Note 1)		N4								
PN 16 / DN 80				P1								
PN 40 / DN 80				P2								
PN 63 / DN 80		(Note 1)		P3								
PN 100 / DN 80		(Note 1)		P4								
PN 16 / DN 100				Q1								
Mounting Flange Material - 9th character												
AISI 316 L ss					S							
Extensions Length - 10th character												
Flush						F						
50 mm. (2 in.)	AISI 316 L ss					1						
100 mm. (4 in.)	AISI 316 L ss					3						
150 mm. (6 in.)	AISI 316 L ss					5						
Diaphragm Material - 11th and 12th characters												
AISI 316 L ss			NACE				SM					
AISI 316 L ss - Low thickness (not for extended diaphragm)		(Note 1)	NACE				SL					
Hastelloy C-276			NACE				HM					
Hastelloy C-276 - Low thickness (not for extended diaphragm)		(Note 1)	NACE				HL					
Hastelloy C-2000 (not for extended diaphragm)		(Note 1)	NACE				MM					
Inconel 625 (not for extended diaphragm)		(Note 1)	NACE				LM					

continued
see next page

...Ordering Information

...Basic ordering information for model S26FE Fixed flange diaphragm seals (flush and extended) to EN 1092-1

			S26FEXXXXXXX	X	X	X	X	X	X	X
Seal Surface Finish - 13th character										
Serrated		(Note 2)		1						
Smooth				2						
Form E - Spigot type		(Notes 1, 3)		4						
Form D - Groove type		(Notes 1, 3, 4)		6						
Capillary Protection - 14th character										
AISI 316 L ss armour					A					
AISI 316 L ss armour with PVC protective cover					B					
Extension tube for direct mount seal		(Note 5)			N					
Capillary Length m (Feet) - 15th character										
Direct-mount construction		(Note 6)				1				
1 (3)		(Note 7)				A				
1.5 (5)		(Note 7)				B				
2 (7)		(Note 7)				C				
2.5 (8)		(Note 7)				D				
3 (10)		(Note 7)				E				
3.5 (12)		(Note 7)				F				
4 (13)		(Note 7)				G				
4.5 (15)		(Note 7)				H				
5 (17)		(Note 7)				J				
5.5 (18)		(Note 7)				K				
6 (20)		(Note 7)				L				
6.5 (22)		(Note 7)				M				
7 (23.5)		(Note 7)				N				
7.5 (25)		(Note 7)				P				
8 (27)		(Note 7)				Q				
9 (30)		(Note 7)				R				
10 (33)		(Note 7)				S				
12 (40)		(Note 7)				T				
14 (47)		(Notes 1, 7)				U				
16 (53)		(Notes 1, 7)				V				
Fill Fluid - 16th character										
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)						S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)						P			
Inert oil - Galden G5	(Oxygen service)	(Note 8)					N			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)						G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)						C			
Mineral oil Esso Marcol 152	(FDA approved)	(Note 9)					W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 9)					A			
Glycerin-water 70%	(FDA approved)	(Note 9)					B			

continued see next page

...Basic ordering information for model S26FE Fixed flange diaphragm seals (flush and extended) to EN 1092-1

	S 2 6 F E X XX X X X XX X X X X		X	X	X
Flushing Ring: Hole and Thread - 17th character					
None			N		
1 hole - 1/2 in. NPT	(Notes 1, 10)		2		
2 holes - 1/2 in. NPT	(Notes 1, 10)		3		
1 hole - 1/4 in. NPT	(Notes 1, 10)		4		
2 holes - 1/4 in. NPT	(Notes 1, 10)		5		
Flushing Ring Material - 18th character					
None	(Note 11)			N	
AISI 316 L ss	(Note 12)	NACE		A	
Hastelloy C-276	(Notes 12, 13)	NACE		H	
Flushing Ring: Plug and Gasket - 19th character					
No plug - No gasket					N
No plug - garlock	(Note 12)				A
No plug - PTFE	(Note 12)				B
No plug - graphite	(Note 12)				C
AISI 316 L ss - no gasket	(Notes 12, 14)	NACE			D
AISI 316 L ss - garlock	(Notes 12, 14)	NACE			E
AISI 316 L ss - PTFE	(Notes 12, 14)	NACE			F
AISI 316 L ss - graphite	(Notes 12, 14)	NACE			G
Hastelloy C-276 - no gasket	(Notes 12, 15)	NACE			H
Hastelloy C-276 - garlock	(Notes 12, 15)	NACE			L
Hastelloy C-276 - PTFE	(Notes 12, 15)	NACE			M
Hastelloy C-276 - graphite	(Notes 12, 15)	NACE			P

Note 1: Not available with extensions length and material code 1, 3, 5
Note 2: Not available with diaphragm material code MM, LM
Note 3: Not available with DN 100 size code Q1
Note 4: Not available with diaphragm material code HM, HL, MM, LM
Note 5: Not available with transmitter side of connection code L
Note 6: Not available with capillary protection code A, B
Note 7: Not available with capillary protection code N
Note 8: Suitable for oxygen service
Note 9: Suitable for food application
Note 10: Not available with Seal surface finish code 4, 6
Note 11: Not available with Flushing ring: hole and thread code 2, 3, 4, 5
Note 12: Not available with Flushing ring: hole and thread code N
Note 13: Not available with Seal surface finish code 1
Note 14: Not available with Hastelloy C-276 flushing ring material code H
Note 15: Not available with AISI 316 L flushing ring material code A

...Ordering Information

Basic ordering information for model S26MA Off-line flange diaphragm seal to ASME B16.5

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters		**S 2 6 M A**		**X**	**XX**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Off-line flange diaphragm seal to ASME B16.5												
Transmitter Side of Connection - 6th character												
High pressure side				H								
Low pressure side				L								
Mounting Flange Rating / Size - 7th and 8th characters												
ASME CL 150 / 1/2 in.					A1							
ASME CL 300 / 1/2 in.					A2							
ASME CL 150 / 1 in.					C1							
ASME CL 300 / 1 in.					C2							
ASME CL 150 / 1 1/2 in.					D1							
ASME CL 300 / 1 1/2 in.					D2							
Mounting Flange Material / Seat Form - 9th character												
AISI 316 L ss / Form RF (raised face) - serrated finish		NACE	(Note 6)			S						
Hastelloy C-276 / Form RF (raised face) - serrated finish		NACE	(Note 6)			H						
Hastelloy C-2000 / Form RF (raised face) - serrated finish		NACE	(Note 7)			Y						
Diaphragm Material - 10th and 11th characters												
AISI 316 L ss		NACE					SM					
Hastelloy C-276		NACE					HM					
Hastelloy C-2000		NACE					MM					
Hastelloy C-2000 diaphragm and body		NACE					ZM					
Inconel 625		NACE					LM					
Tantalum							TM					
AISI 316 L ss gold plated		NACE					NM					
Capillary Protection - 12th character												
AISI 316 L ss armour								A				
AISI 316 L ss armour with PVC protective cover								B				
Extension tube for direct mount seal	(Note 1)							N				

continued
see next page

...Basic ordering information for model S26MA Off-line flange diaphragm seal to ASME B16.5

			S 2 6 M A X XX X XX X	X	X	X	X
Capillary Length m (Feet) - 13th character							
Direct-mount construction		(Note 2)		1			
1 (3)		(Note 3)		A			
1.5 (5)		(Note 3)		B			
2 (7)		(Note 3)		C			
2.5 (8)		(Note 3)		D			
3 (10)		(Note 3)		E			
3.5 (12)		(Note 3)		F			
4 (13)		(Note 3)		G			
4.5 (15)		(Note 3)		H			
5 (17)		(Note 3)		J			
5.5 (18)		(Note 3)		K			
6 (20)		(Note 3)		L			
6.5 (22)		(Note 3)		M			
7 (23.5)		(Note 3)		N			
7.5 (25)		(Note 3)		P			
8 (27)		(Note 3)		Q			
9 (30)		(Note 3)		R			
10 (33)		(Note 3)		S			
12 (40)		(Note 3)		T			
Fill Fluid - 14th character							
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P		
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C		
Mineral oil Esso Marcol 152	(FDA approved)	(Note 5)			W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A		
Glycerin-water 70%	(FDA approved)	(Note 5)			B		
Flushing Connections - 15th character							
Not required						1	
Provided (with 2 plugs supplied)						Q	
Gasket - 16th character							
PTFE							2
Viton®		(Note 6)					3
Graphite		(Note 6)					7

Note 1: Not available with transmitter side of connection code L
Note 2: Not available with capillary protection code A, B
Note 3: Not available with capillary protection code N
Note 4: Suitable for oxygen service
Note 5: Suitable for food application
Note 6: Not available with diaphragm material code ZM
Note 7: Not available with diaphragm material code SM, HM, MM, LM, TM, NM

...Ordering Information

Basic ordering information for model S26ME Off-line flange diaphragm seal to EN 1092-1

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters		**S 2 6 M E**	**X**	**XX**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Off-line flange diaphragm seal to EN 1092-1											
Transmitter Side of Connection - 6th character											
High pressure side			H								
Low pressure side			L								
Mounting Flange Rating / Size - 7th and 8th characters											
PN 16 - 40 / DN 25				L2							
PN 16 - 40 / DN 40				M2							
Mounting Flange Material / Seat Form - 9th character											
AISI 316 L ss / Form B1 - serrated finish		NACE			S						
Hastelloy C-276 / Form B1 - serrated finish		NACE			H						
Diaphragm Material - 10th and 11th characters											
AISI 316 L ss		NACE				SM					
Hastelloy C-276		NACE				HM					
Hastelloy C-2000		NACE				MM					
Inconel 625		NACE				LM					
Tantalum						TM					
AISI 316 L ss gold plated		NACE				NM					
Capillary Protection - 12th character											
AISI 316 L ss armour							A				
AISI 316 L ss armour with PVC protective cover							B				
Extension tube for direct mount seal	(Note 1)						N				

continued
see next page

...Basic ordering information for model S26ME Off-line flange diaphragm seal to EN 1092-1

			S 2 6 M E X XX X XX X	X	X	X	X
Capillary Length m (Feet) - 13th character							
Direct-mount construction		(Note 2)		1			
1 (3)		(Note 3)		A			
1.5 (5)		(Note 3)		B			
2 (7)		(Note 3)		C			
2.5 (8)		(Note 3)		D			
3 (10)		(Note 3)		E			
3.5 (12)		(Note 3)		F			
4 (13)		(Note 3)		G			
4.5 (15)		(Note 3)		H			
5 (17)		(Note 3)		J			
5.5 (18)		(Note 3)		K			
6 (20)		(Note 3)		L			
6.5 (22)		(Note 3)		M			
7 (23.5)		(Note 3)		N			
7.5 (25)		(Note 3)		P			
8 (27)		(Note 3)		Q			
9 (30)		(Note 3)		R			
10 (33)		(Note 3)		S			
12 (40)		(Note 3)		T			
Fill Fluid - 14th character							
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P		
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C		
Mineral oil Esso Marcol 152	(FDA approved)	(Note 5)			W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A		
Glycerin-water 70%	(FDA approved)	(Note 5)			B		
Flushing Connections - 15th character							
Not required						1	
Provided (with 2 plugs supplied)						Q	
Gasket - 16th character							
PTFE							2
Viton®							3
Graphite							7

Note 1: Not available with transmitter side of connection code L
Note 2: Not available with capillary protection code A, B
Note 3: Not available with capillary protection code N
Note 4: Suitable for oxygen service
Note 5: Suitable for food application

...Ordering Information

Basic ordering information for model S26TT Off-line threaded diaphragm seal

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters	**S 2 6 T T**		**X**	**X**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Off-line threaded diaphragm seal												
Transmitter Side of Connection - 6th character									continued see next page			
High pressure side			H									
Low pressure side			L									
Size - 7th character												
1/4 in. NPT-f				1								
1/2 in. NPT-f				2								
3/4 in. NPT-f				3								
1 in. NPT-f				4								
1 1/2 in. NPT-f				5								
Bolts material - 8th character												
AISI 316 ss					1							
Carbon steel					2							
Alloy steel		NACE			3							
Mounting Flange Material - 9th character												
AISI 316 L ss		NACE				S						
Hastelloy C-276		NACE				H						
Diaphragm Material - 10th and 11th characters												
AISI 316 L ss		NACE					SM					
Hastelloy C-276		NACE					HM					
Hastelloy C-2000		NACE					MM					
Inconel 625		NACE					LM					
Tantalum							TM					
AISI 316 L ss gold plated		NACE					NM					
Capillary Protection - 12th character												
AISI 316 L ss armour								A				
AISI 316 L ss armour with PVC protective cover								B				
Extension tube for direct mount seal	(Note 1)							N				

...Basic ordering information for model S26TT Off-line threaded diaphragm seal

			S 2 6 T T X XX X XX X	X	X	X	X
Capillary Length m (Feet) - 13th character							
Direct-mount construction		(Note 2)		1			
1 (3)		(Note 3)		A			
1.5 (5)		(Note 3)		B			
2 (7)		(Note 3)		C			
2.5 (8)		(Note 3)		D			
3 (10)		(Note 3)		E			
3.5 (12)		(Note 3)		F			
4 (13)		(Note 3)		G			
4.5 (15)		(Note 3)		H			
5 (17)		(Note 3)		J			
5.5 (18)		(Note 3)		K			
6 (20)		(Note 3)		L			
6.5 (22)		(Note 3)		M			
7 (23.5)		(Note 3)		N			
7.5 (25)		(Note 3)		P			
8 (27)		(Note 3)		Q			
9 (30)		(Note 3)		R			
10 (33)		(Note 3)		S			
12 (40)		(Note 3)		T			
Fill Fluid - 14th character							
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P		
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C		
Mineral oil Esso Marcol 152	(FDA approved)	(Note 5)			W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A		
Glycerin-water 70%	(FDA approved)	(Note 5)			B		
Flushing Connections - 15th character							
Not required						1	
Provided (with 2 plugs supplied)		(Note 6)				Q	
Gasket - 16th character							
PTFE							2
Viton®							3
Graphite							7

Note 1: Not available with transmitter side of connection code L
Note 2: Not available with capillary protection code A, B
Note 3: Not available with capillary protection code N
Note 4: Suitable for oxygen service
Note 5: Suitable for food application
Note 6: Not available with size code 5

...Ordering Information

Basic ordering information for model S26SS Sanitary and food diaphragm seal

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters		**S 2 6 S S**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Sanitary and food diaphragm seal										
Transmitter Side of Connection - 6th character								continued see next page		
High pressure side			H							
Low pressure side			L							
Mounting connection - 7th character										
Union nut DIN 11851 – F50 (not 3-A authorized)				A						
Union nut DIN 11851 – F80 (not 3-A authorized)				B						
2 in Triclamp				F						
3 in Triclamp				G						
4 in Triclamp				H						
2 in Cherry Burrell				L						
3 in Cherry Burrell				M						
4 in Cherry Burrell				N						
4 in Sanitary flush diaphragm				P						
4 in Sanitary extended (2 in) diaphragm				Q						
4 in Sanitary extended (4 in) diaphragm				R						
4 in Sanitary extended (6 in) diaphragm				S						
4 in Cherry Burrell aseptic - ONLY REMOTE MOUNT				W						
4 in aseptic flanged connection - ONLY REMOTE MOUNT				J						
Diaphragm Material - 8th and 9th characters										
AISI 316 L ss					SM					
Capillary Protection - 10th character										
AISI 316 L ss armour						A				
AISI 316 L ss armour with PVC protective cover						B				
Extension tube for direct mount seal	(Note 2)					N				
Capillary Length m (Feet) - 11th character										
Direct-mount construction	(Note 3)						1			
1 (3)	(Note 4)						A			
1.5 (5)	(Note 4)						B			
2 (7)	(Note 4)						C			
2.5 (8)	(Note 4)						D			
3 (10)	(Note 4)						E			
3.5 (12)	(Note 4)						F			
4 (13)	(Note 4)						G			
4.5 (15)	(Note 4)						H			
5 (17)	(Note 4)						J			
5.5 (18)	(Note 4)						K			
6 (20)	(Note 4)						L			
6.5 (22)	(Note 4)						M			
7 (23.5)	(Note 4)						N			
7.5 (25)	(Note 4)						P			
8 (27)	(Note 4)						Q			
9 (30)	(Note 4)						R			
10 (33)	(Note 4)						S			

...Basic ordering information for model S26SS Sanitary and food diaphragm seal

			S26SSXXXXXX	X	X	X
Fill Fluid - 12th character						
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)			S		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)			C		
Mineral oil Esso Marcol 152	(FDA approved)	(Note 6)		W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 6)		A		
Glycerin-water 70%	(FDA approved)	(Note 6)		B		
Clamp/Fittings - 13th character						
None					1	
2 in. V-band Clamp (for 2 in. Triclamp)					A	
3 in. V-band Clamp (for 3 in. Triclamp)					B	
4 in. V-band Clamp (for 4 in. Triclamp, 4 in. Cherry Burrell, 4 in. Sanitary flush and 4 in. aseptic flanged)					C	
4 in. Tank spud, tank wall up to 4.7mm (0.18) and 4 in. V-band Clamp (for 4 in. Sanitary flush seal)					D	
4 in. Tank spud, tank wall up to 9.5mm (0.37) and 4 in. V-band Clamp (for 4 in. Sanitary flush seal)					E	
4 in. schedule 5 V-band clamp (for 4 in. Sanitary extended seal)					F	
Tank spud for 2 in. extension and 4 in. schedule 5 V-band clamp (for 4 in. Sanitary extended 2 in. seal)					G	
Tank spud for 4 in. extension and 4 in. schedule 5 V-band clamp (for 4 in. Sanitary extended 4 in. seal)					H	
Tank spud for 6 in. extension and 4 in. schedule 5 V-band clamp (for 4 in. Sanitary extended 6 in. seal)					J	
Aseptic tank spud (for 4 in. aseptic flanged seal)					P	
Gasket - 14th character						
None						1
Ethylene propylene gasket DN100 (for 4 in. Sanitary extended seal) - (EPDM 3-A 18-03 Class II)						A
Ethylene propylene gasket DN50 (for F50 Union nut seal)						C
Ethylene propylene gasket DN80 (for F80 Union nut seal)						D
Ethylene propylene gasket (for 4 in. Sanitary flush and 4 in. aseptic) - (EPDM 3-A 18-03 Class II)						G

Note 1: Not used
Note 2: Not available with transmitter side of connection code L
Note 3: Not available with capillary protection code A, B
Note 4: Not available with capillary protection code N
Note 5: Suitable for oxygen service
Note 6: Suitable for food application

...Ordering Information

Basic ordering information for model S26VN Socket and saddle diaphragm seal

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters		**S 2 6 V N**		**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Socket and saddle diaphragm seal										
Transmitter Side of Connection - 6th character										
High pressure side				H						
Low pressure side				L						
Diaphragm Material - 7th and 8th characters										
AISI 316 L ss			NACE		SM					
Hastelloy C-276			NACE		HM					
Hastelloy C-2000			NACE		MM					
Inconel 625			NACE		LM					
Tantalum					TM					
AISI 316 L ss gold plated			NACE		NM					
Superduplex ss (UNS S32750 to ASTM SA479)			NACE		EM					
Capillary Protection - 9th character										
AISI 316 L ss armour						A				
AISI 316 L ss armour with PVC protective cover						B				
Extension tube for direct mount seal	(Note 1)					N				

continued
see next page

...Basic ordering information for model S26VN Socket and saddle diaphragm seal

			S 2 6 V N X XX X	X	X	X	X
Capillary Length m (Feet) - 10th character							
Direct-mount construction		(Note 2)		1			
1 (3)		(Note 3)		A			
1.5 (5)		(Note 3)		B			
2 (7)		(Note 3)		C			
2.5 (8)		(Note 3)		D			
3 (10)		(Note 3)		E			
3.5 (12)		(Note 3)		F			
4 (13)		(Note 3)		G			
4.5 (15)		(Note 3)		H			
5 (17)		(Note 3)		J			
Fill Fluid - 11th character							
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P		
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C		
Mineral oil Esso Marcol 152	(FDA approved)	(Note 5)			W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A		
Glycerin-water 70%	(FDA approved)	(Note 5)			B		
Process Fitting Connections - 12th character							
Not required						N	
Saddle 2 in.						1	
Saddle 2 1/2 in.						2	
Saddle 3 in.						3	
Saddle 4 in.						4	
Saddle 5 in.						5	
Saddle 6 in.						6	
Socket 1/2 in.						A	
Socket 3/4 in.						B	
Socket 1 in.						C	
Socket 1 1/2 in.						D	
Socket 2 in.						E	
Gasket - 13th character							
PTFE							2
Graphite							7

Note 1: Not available with transmitter side of connection code L
Note 2: Not available with capillary protection code A, B
Note 3: Not available with capillary protection code N
Note 4: Suitable for oxygen service
Note 5: Suitable for food application

...Ordering Information

Basic ordering information for model S26WA Wafer diaphragm seal to ASME B16.5
Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters	**S 2 6 W A**		**X**	**XX**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Wafer diaphragm seal to ASME B16.5											
Transmitter Side of Connection - 6th character									continued see next page		
High pressure side			H								
Low pressure side			L								
Mounting Flange Rating / Size - 7th and 8th characters											
ASME 1 1/2 in.				D5							
ASME 2 in.				E5							
ASME 3 in.				G5							
Extensions Length and Material - 9th character											
Flush					F						
Diaphragm Material - 10th and 11th characters											
AISI 316 L ss		NACE				SM					
AISI 316 L ss - Low thickness		NACE				SL					
Hastelloy C-276		NACE				HM					
Hastelloy C-276 - Low thickness		NACE				HL					
Hastelloy C-2000		NACE				MM					
Inconel 625		NACE				LM					
Tantalum						TM					
AISI 316 L ss gold plated		NACE				NM					
AISI 316 L ss with PFA anti-stick coating		NACE				KM					
Hastelloy C-276 with PFA anti-stick coating		NACE				YM					
AISI 316 L ss with PFA coating anti-corrosion and anti-stick		NACE				WM					
Diaflex (AISI with anti-abrasion treatment)		NACE				FM					
Superduplex ss (UNS S32750 to ASTM SA479)		NACE				EM					
Monel		NACE				GM					
Seal Surface Finish - 12th character											
Serrated		(Note 1)					1				
Smooth							2				
Capillary Protection - 13th character											
AISI 316 L ss armour								A			
AISI 316 L ss armour with PVC protective cover								B			

...Basic ordering information for model S26WA Wafer diaphragm seal to ASME B16.5

			S 2 6 W A X X X X X X X X	X	X	X	X	X
Capillary Length m (Feet) - 14th character								
1 (3)				A		continued see next page		
1.5 (5)				B				
2 (7)				C				
2.5 (8)				D				
3 (10)				E				
3.5 (12)				F				
4 (13)				G				
4.5 (15)				H				
5 (17)				J				
5.5 (18)				K				
6 (20)				L				
6.5 (22)				M				
7 (23.5)				N				
7.5 (25)				P				
8 (27)				Q				
9 (30)				R				
10 (33)				S				
12 (40)				T				
14 (47)				U				
16 (53)				V				
Fill Fluid - 15th character								
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P			
Inert oil - Galden G5	(Oxygen service)	(Note 2)			N			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C			
Mineral oil Esso Marcol 152	(FDA approved)	(Note 3)			W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 3)			A			
Glycerin-water 70%	(FDA approved)	(Note 3)			B			

...Ordering Information

...Basic ordering information for model S26WA Wafer diaphragm seal to ASME B16.5

	S 2 6 W A X XX X XX X X X X	X	X	X
Flushing Ring: Hole and Thread - 16th character				
None		N		
1 hole - 1/2 in. NPT		2		
2 holes - 1/2 in. NPT		3		
1 hole - 1/4 in. NPT		4		
2 holes - 1/4 in. NPT		5		
Flushing Ring Material - 17th character				
None	(Note 4)		N	
AISI 316 L ss	(Note 5) NACE		A	
Hastelloy C-276	(Notes 5, 6) NACE		H	
Flushing Ring: Plug and Gasket - 18th character				
No plug - No gasket				N
No plug - garlock	(Note 5)			A
No plug - PTFE	(Note 5)			B
No plug - graphite	(Note 5)			C
AISI 316 L ss - no gasket	(Notes 5, 7) NACE			D
AISI 316 L ss - garlock	(Notes 5, 7) NACE			E
AISI 316 L ss - PTFE	(Notes 5, 7) NACE			F
AISI 316 L ss - graphite	(Notes 5, 7) NACE			G
Hastelloy C-276 - no gasket	(Notes 5, 8) NACE			H
Hastelloy C-276 - garlock	(Notes 5, 8) NACE			L
Hastelloy C-276 - PTFE	(Notes 5, 8) NACE			M
Hastelloy C-276 - graphite	(Notes 5, 8) NACE			P

Note 1: Not available with diaphragm material code MM, LM, TM, NM, KM, YM, WM
Note 2: Suitable for oxygen service
Note 3: Suitable for food application
Note 4: Not available with Flushing ring: hole and thread code 2, 3, 4, 5
Note 5: Not available with Flushing ring: hole and thread code N
Note 6: Not available with Seal surface finish code 1
Note 7: Not available with Hastelloy C-276 flushing ring material code H
Note 8: Not available with AISI 316 L flushing ring material code A

Basic ordering information for model S26WE Wafer diaphragm seal to EN 1092-1
Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters	S 2 6 W E		X	XX	X	XX	X	X	X	X	X	
Wafer diaphragm seal to EN 1092-1												
Transmitter Side of Connection - 6th character									continued see next page			
High pressure side			H									
Low pressure side			L									
Mounting Flange Rating / Size - 7th and 8th characters												
EN 1092-1 DN 40				M5								
EN 1092-1 DN 50				N5								
EN 1092-1 DN 80				P5								
Extensions Length and Material - 9th character												
Flush					F							
Diaphragm Material - 10th and 11th characters												
AISI 316 L ss		NACE				SM						
AISI 316 L ss - Low thickness		NACE				SL						
Hastelloy C-276		NACE				HM						
Hastelloy C-276 - Low thickness		NACE				HL						
Hastelloy C-2000		NACE				MM						
Inconel 625		NACE				LM						
Tantalum						TM						
AISI 316 L ss gold plated		NACE				NM						
AISI 316 L ss with PFA anti-stick coating		NACE				KM						
Hastelloy C-276 with PFA anti-stick coating		NACE				YM						
AISI 316 L ss with PFA coating anti-corrosion and anti-stick		NACE				WM						
Diaflex (AISI with anti-abrasion treatment)		NACE				FM						
Superduplex ss (UNS S32750 to ASTM SA479)		NACE				EM						
Monel		NACE				GM						
Seal Surface Finish - 12th character												
Serrated	(Note 1)						1					
Smooth							2					
Form E - Spigot type	(Note 2)						4					
Form D - Groove type	(Note 3)						6					
Capillary Protection - 13th character												
AISI 316 L ss armour								A				
AISI 316 L ss armour with PVC protective cover								B				

...Ordering Information

...Basic ordering information for model S26WE Wafer diaphragm seal to EN 1092-1

			S26WEXXXXXXXX	X	X	X	X	X
Capillary Length m (Feet) - 14th character								
1 (3)				A		continued see next page		
1.5 (5)				B				
2 (7)				C				
2.5 (8)				D				
3 (10)				E				
3.5 (12)				F				
4 (13)				G				
4.5 (15)				H				
5 (17)				J				
5.5 (18)				K				
6 (20)				L				
6.5 (22)				M				
7 (23.5)				N				
7.5 (25)				P				
8 (27)				Q				
9 (30)				R				
10 (33)				S				
12 (40)				T				
14 (47)				U				
16 (53)				V				
Fill Fluid - 15th character								
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)				S			
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)				P			
Inert oil - Galden G5	(Oxygen service)	(Note 4)			N			
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)				G			
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)				C			
Mineral oil Esso Marcol 152	(FDA approved)	(Note 5)			W			
Vegetable oil Neobee M-20	(FDA approved)	(Note 5)			A			
Glycerin-water 70%	(FDA approved)	(Note 5)			B			

...Basic ordering information for model S26WE Wafer diaphragm seal to EN 1092-1

	S26WEXXXXXXXXXX		X	X	X
Flushing Ring: Hole and Thread - 16th character					
None			N		
1 hole - 1/2 in. NPT	(Note 6)		2		
2 holes - 1/2 in. NPT	(Note 6)		3		
1 hole - 1/4 in. NPT	(Note 6)		4		
2 holes - 1/4 in. NPT	(Note 6)		5		
Flushing Ring Material - 17th character					
None	(Note 7)			N	
AISI 316 L ss	(Note 8)	NACE		A	
Hastelloy C-276	(Notes 8, 9)	NACE		H	
Flushing Ring: Plug and Gasket - 18th character					
No plug - No gasket					N
No plug - garlock	(Note 8)				A
No plug - PTFE	(Note 8)				B
No plug - graphite	(Note 8)				C
AISI 316 L ss - no gasket	(Notes 8, 10)	NACE			D
AISI 316 L ss - garlock	(Notes 8, 10)	NACE			E
AISI 316 L ss - PTFE	(Notes 8, 10)	NACE			F
AISI 316 L ss - graphite	(Notes 8, 10)	NACE			G
Hastelloy C-276 - no gasket	(Notes 8, 11)	NACE			H
Hastelloy C-276 - garlock	(Notes 8, 11)	NACE			L
Hastelloy C-276 - PTFE	(Notes 8, 11)	NACE			M
Hastelloy C-276 - graphite	(Notes 8, 11)	NACE			P

Note 1: Not available with diaphragm material code MM, LM, TM, NM, KM, YM, WM
Note 2: Not available with diaphragm material code SM, HM, MM, LM, TM, NM, KM, YM, WM, FM, EM
Note 3: Not available with diaphragm material code SM, HM, HL, MM, LM, TM, NM, KM, YM, WM, FM, EM
Note 4: Suitable for oxygen service
Note 5: Suitable for food application
Note 6: Not available with Seal surface finish code 4, 6
Note 7: Not available with Flushing ring: hole and thread code 2, 3, 4, 5
Note 8: Not available with Flushing ring: hole and thread code N
Note 9: Not available with Seal surface finish code 1
Note 10: Not available with Hastelloy C-276 flushing ring material code H
Note 11: Not available with AISI 316 L flushing ring material code A

...Ordering Information

Basic ordering information for model S26CN Chemical Tee diaphragm seal
Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters	**S 2 6 C N**		**X**	**XX**		**XX**	**X**	**X**	**X**	**X**
Chemical Tee seal										
Transmitter Side of Connection - 6th character										
High pressure side			H							
Low pressure side			L							
Mounting Flange - 7th character										
Integral with seal				G						
Size - 8th character										
3 in. Proprietary					P					
Diaphragm Material - 9th and 10th characters										
AISI 316 L ss	NACE					SM				
Hastelloy C-276	NACE					HM				
AISI 316 L ss with PFA anti-stick coating	NACE					KM				
Hastelloy C-276 with PFA anti-stick coating	NACE					YM				
AISI 316 L ss with PFA coating anti-corrosion and anti-stick	NACE					WM				
Diaflex (AISI with anti-abrasion treatment)	NACE					FM				
Capillary Protection - 11th character										
AISI 316 L ss armour							A			
AISI 316 L ss armour with PVC protective cover							B			
Capillary Length m (Feet) - 12th character										
1 (3)								A		
1.5 (5)								B		
2 (7)								C		
2.5 (8)								D		
3 (10)								E		
3.5 (12)								F		
4 (13)								G		
4.5 (15)								H		
5 (17)								J		
6 (20)								L		
7 (23.5)								N		
8 (27)								Q		
Fill Fluid - 13th character										
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)								S	
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)								P	
Inert oil - Galden G5	(Oxygen service)	(Note 1)							N	
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)								G	
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)								C	
Mineral oil Esso Marcol 152	(FDA approved)	(Note 2)							W	
Vegetable oil Neobee M-20	(FDA approved)	(Note 2)							A	
Glycerin-water 70%	(FDA approved)	(Note 2)							B	
Gasket - 14th character										
None										1
PTFE with silica filler										6
Graphite										7

Note 1: Suitable for oxygen service
Note 2: Suitable for food application

Basic ordering information for model S26BN Button type remote diaphragm seal

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters		**S 2 6 B N**	**X**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Button type remote diaphragm seal											
Transmitter Side of Connection - 6th character											
High pressure side			H								
Size - 7th character											
1 in.				M							
Mounting connection type - 8th character											
3 1/4 in. flange extended – type 91					A						
3 1/2 in. flange extended – type 91 modified					B						
1 1/2 in. 16N-2 threaded union – type 92					C						
Bracket – type 89					D						
Universal – type 90					E						
1 1/2 in. 12NF threaded union – type 92 modified					F						
Diaphragm Material - 9th and 10th characters											
Hastelloy C-276		NACE				HL					
Capillary Protection - 11th character											
AISI 316 L ss armour							A				
AISI 316 L ss armour with PVC protective cover							B				
Capillary Length m (Feet) - 12th character											
1 (3)								A			
1.5 (5)								B			
2 (7)								C			
2.5 (8)								D			
3 (10)								E			
Fill Fluid - 13th character											
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)								S		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)								G		
Mineral oil Esso Marcol 152	(FDA approved)	(Note 1)							W		
Option - 14th character											
None										1	
Jack out collar for seal removal for process (not for type 89)		(Note 2)								2	
Gasket - 15th character											
None											1
Aluminium											E
AISI 316 ss											F

Note 1: Suitable for food application
Note 2: Not available with mounting connection types code D

...Ordering Information

Basic ordering information for model S26UN Union connection remote diaphragm seal

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters			**S 2 6 U N**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**	**X**
Union connection remote diaphragm seal											
Transmitter Side of Connection - 6th character											
High pressure side				H							
Size - 7th character											
1 1/2 in.					L						
Diaphragm Material - 8th and 9th characters											
AISI 316 L ss			NACE			SL					
Hastelloy C-276			NACE			HL					
Capillary Protection - 10th character											
AISI 316 L ss armour							A				
AISI 316 L ss armour with PVC protective cover							B				
Capillary Length m (Feet) - 11th character											
1 (3)								A			
1.5 (5)								B			
2 (7)								C			
2.5 (8)								D			
3 (10)								E			
3.5 (12)								F			
4 (13)								G			
4.5 (15)								H			
5 (17)								J			
Fill Fluid - 12th character											
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)								S		
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)								P		
Inert oil - Galden G5	(Oxygen service)	(Note 1)							N		
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)								G		
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)								C		
Mineral oil Esso Marcol 152	(FDA approved)	(Note 2)							W		
Vegetable oil Neobee M-20	(FDA approved)	(Note 2)							A		
Glycerin-water 70%	(FDA approved)	(Note 2)							B		
Process Fitting Connections - 13th character											
Not required										1	
AISI 316 ss weld bushing										3	
Chemical tee flange										4	
Gasket - 14th character											
Not required											1
Silicone rubber											5
PTFE											8

Note 1: Suitable for oxygen service
Note 2: Suitable for food application

Basic ordering information for model S26PN Urea service remote diaphragm seal

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters		**S 2 6 P N**	**X**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**
Urea service remote diaphragm seal										
Transmitter Side of Connection - 6th character										
High pressure side			H							
Low pressure side			L							
Size / Mounting Flange Rating / Material - 7th character										
3 in. / ASME 600 RF integral flange / AISI 316 L ss Urea Grade				H						
2 in. / ASME 2500 threaded flange / Carbon steel				J						
Extension lenght / diameter - 8th character										
40.3 mm (1.59 in.) / 69 mm (2.71 in.)		(Note 1)			R					
40.3 mm (1.59 in.) / 94 mm (3.7 in.)		(Note 1)			S					
131 mm (5.16 in.) / 37.5 mm (1.47 in.)		(Note 2)			T					
Diaphragm Material - 9th and 10th characters										
AISI 316 L ss Urea Grade						SM				
Capillary Protection - 11th character										
AISI 316 L ss armour							A			
AISI 316 L ss armour with PVC protective cover							B			
Capillary Length m (Feet) - 12th character										
1 (3)								A		
1.5 (5)								B		
2 (7)								C		
2.5 (8)								D		
3 (10)								E		
3.5 (12)								F		
4 (13)								G		
4.5 (15)								H		
5 (17)								J		
5.5 (18)		(Note 1)						K		
6 (20)		(Note 1)						L		
Fill Fluid - 13th character										
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)								S	
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)								G	
Certification - 14th character										
None										1
Huey test										3

Note 1: Not available with Size/Mounting flange code J
Note 2: Not available with Size/Mounting flange code H

...Ordering Information

Basic ordering information for model S26KN Pulp and paper diaphragm seal

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters		**S 2 6 K N**	**X**	**X**	**XX**	**X**	**X**	**X**	**X**
Pulp and paper diaphragm seal									
Transmitter Side of Connection - 6th character									
High pressure side			H						
Size / Mounting connection - 7th character									
1 in. pulp and paper seal - sealing with gaskets to spud (NOT AVAILABLE WITH SENSOR F)				U					
1 1/2 in. pulp and paper seal - sealing with gasket to spud (NOT AVAILABLE WITH SENSOR S)				K					
1 in. pulp and paper seal with 1 in. NPT male threaded connection (NOT AVAILABLE WITH SENSOR F)				W					
1 1/2 in. pulp and paper seal with 1 1/2 in. NPT male threaded connection				Z					
1 in. pulp and paper seal with G 1 in. A male threaded connection (NOT AVAILABLE WITH SENSOR F)				1					
1 1/2 in. pulp and paper seal with G 1 1/2 in. A male threaded connection				2					
1 in. pulp and paper seal with ball valve connection (NOT AVAILABLE WITH SENSOR F and 266ART)				Y					
1 1/2 in. pulp and paper seal - sealing with gasket to M44 threaded spud (NOT AVAILABLE WITH SENSOR S)				V					
Diaphragm Material - 8th and 9th characters									
AISI 316 L ss		(Note 1)			SL				
Hastelloy C-276					HL				
Diaflex (AISI with anti-abrasion treatment)		(Note 1)			FL				
Capillary Protection - 10th character									
Extension tube for direct mount seal						N			
Capillary Length m (Feet) - 11th character									
Direct-mount construction							1		
Fill Fluid - 12th character									
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)							S	
Mineral oil Esso Marcol 152	(FDA approved)	(Note 5)						W	
Clamp/Fittings - 13th character									
Not required									N
Weld-on spud and fixing screw for 1 in. pulp & paper seal connection		(Note 2)							C
Weld-on threaded spud for 1 1/2 in. pulp & paper seal connection		(Note 3)							D
Weld-on spud and fixing screws for 1 1/2 in. pulp & paper seal connection		(Note 4)							F

Note 1: Not available with connection code Y
Note 2: Suitable ONLY for 1 in. size - sealing with gaskets code U
Note 3: Suitable ONLY for 1-1/2 in. size to M44 threaded spud - sealing with gaskets code V
Note 4: Suitable ONLY for 1-1/2 in. size - sealing with gaskets code K
Note 5: Suitable for food application

Basic ordering information for model S26JN In-line diaphragm seals

Select one character or set of characters from each category and specify complete catalog number.

BASE MODEL - 1st to 5th characters		**S 2 6 J N**	**X**	**X**	**XX**	**X**	**X**	**X**
In-line diaphragm seal								
Transmitter Side of Connection - 6th character								
High pressure side			H					
Size / Mounting connection - 7th character								
DN 25 / 1 in.				A				
DN 40 / 1 1/2 in.				B				
DN 50 / 2 in.				C				
DN 80 / 3 in.				D				
Diaphragm Material - 8th and 9th characters								
AISI 316 L ss		NACE			SM			
Hastelloy C-276		NACE			HM			
Capillary Protection - 10th character								
Extension tube for direct mount seal						N		
Capillary Length m (Feet) - 11th character								
Direct-mount construction							1	
Fill Fluid - 12th character								
Silicone oil PMX 200 10 cSt	(-40 to 250 °C; -40 to 480 °F)							S
Silicone oil Baysilone PD5 5 cSt	(-85 to 250 °C; -121 to 480 °F)							P
Inert oil - Galden G5	(Oxygen service)	(Note 1)						N
Silicone oil for high temperature	(-10 to 375 °C; 14 to 707 °F)							G
Silicone polymer Syltherm XLT	(-100 to 100 °C; -148 to 212 °F)							C
Mineral oil Esso Marcol 152	(FDA approved)	(Note 2)						W
Vegetable oil Neobee M-20	(FDA approved)	(Note 2)						A
Glycerin-water 70%	(FDA approved)	(Note 2)						B

Note 1: Suitable for oxygen service
Note 2: Suitable for food application

IMPORTANT REMARK FOR ALL MODELS

THE SELECTION OF SUITABLE WETTED PARTS AND FILLING FLUID FOR COMPATIBILITY WITH THE PROCESS MEDIA IS A CUSTOMER'S RESPONSIBILITY, IF NOT OTHERWISE NOTIFIED BEFORE MANUFACTURING.

NACE COMPLIANCE INFORMATION

The materials of constructions comply with metallurgical recommendations of NACE MR0175/ISO 15156 for sour oil field production environments. As specific environmental limits may apply to certain materials, please consult latest standard for further details. AISI 316/316 L, Hastelloy C-276, Monel 400 also conform to NACE MR0103 for sour refining environments.

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Notes

Notes



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