Honeywell BW™ Solo

Serviceable Single-gas Detector



The next-generation single-gas detector that helps you reduce cost, ensure compliance and know your workers are protected.

Honeywell BW™ Solo has everything you expect — plus additional features to make your compliance easier and more cost-effective than ever. All with a reliable life span, one-button operation and small, lightweight profile. Honeywell BW™ Solo is:

- The easiest single-gas detector to service, with no need to take it apart to replace sensors, batteries and sensor filters. That means long life and low cost.
- Complete with an extensive selection of sensor options. Count on comprehensive detection, whether you're monitoring for common or exotic hazards.
- The first single-gas detector with the 1-Series sensor for CO, H_2S and O_2. That means high accuracy, lower costs and faster sensor response time for the gases you monitor most often.
- Compatible with IntelliDoX. Save time and centralize data with automated bump testing, calibration and instrument management. Use IntelliDoX docking stations with Honeywell Safety Suite Device Configurator software.



Easy to handle



Easy to read



Easy to service



Easy to see

H_2S CO O_2
NH_3 SO_2 HCN
Cl_2 NO NO_2
PH_3 ETO ClO_2
O_3 H_2

FEATURES & BENEFITS

For even more time-saving convenience — plus remote visibility on alarms — choose the wireless version. And manage it from your smartphone.
Pair the wireless Honeywell BW™ Solo with our Safety Communicator mobile app and detector readings are sent instantly to Honeywell's real-time monitoring software. Access it from any device with an internet connection, and get remote visibility on worker safety and location.

You can also use the wireless Honeywell BW™ Solo to share gas data with the desktop software — no dock required.

Other Honeywell BW™ Solo features:

- Option to activate IntelliFlash™ or non-compliance flash
- Ability to assign detectors to workers and locations
- Easy-to-read display for multiple languages
- Data logging with rolling 24-hour peak reading

Honeywell BW™ Solo Technical Specifications

TECHNICAL SPECIFICATIONS	
SIZE	2.7 x 2.6 x 1.4 in. / 7.0 x 6.7x 3.6 cm (1-Series sensor models) 2.7 x 2.6 x 1.6 in. / 7.0 x 6.7x 4.1 cm (4-Series sensor models)
WEIGHT	3.6 to 4.1 oz. / 103 to 116 g, depending on installed sensor
HUMIDITY	5% - 95% RH (non-condensing)
INGRESS PROTECTION	IP66/68
ALARMS AND TYPE	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, non-compliance
SELF-TEST	Sensor integrity, circuitry, battery and audible/visual alarms on activation; battery (continuous)
TYPICAL BATTERY LIFE	12 months (6 months for 1-Series O_2)
CONNECTED WORKER	• Bluetooth™ Low Energy (BLE) – Ability to connect to Honeywell's Safety Communicator App
USER OPTIONS	• Reset TWA, STEL and Peak readings • Change High, Low, TWA and STEL alarm setpoints • Latching alarms • Enable IntelliFlash and non-compliance indicators • Set calibration and/or bump test reminders • Assign worker and location assignments • Language select: English, French, Spanish, German, Italian, Russian, Japanese, Chinese, Korean, Portuguese, Dutch
CERTIFICATIONS AND APPROVALS	**:** Class I, Division 1, Groups A, B, C, D T4 Class I, Zone 0, AEx/Ex ia IIC T4 Ga -40°C≤ Tamb ≤ 60°C **ATEX:** Sira 19ATEX2004 CE 0518 Ex II 1G Ex ia IIC T4 Ga -40°C≤ Tamb ≤ 60°C Ex I M1 Ex ia I Ma -40°C≤ Tamb ≤ 60°C **IECEx:** IECEx SIR 19.0004 Ex ia IIC T4 Ga / Ex ia I Ma -40°C≤ Tamb ≤ 60°C **FCC ID:** SU3BWS1 **IC:** 20969-BWS1 **RED:** RE-D Directive 2014/53/EU For additional certifications, please review the manual or consult Honeywell Analytics.
WARRANTY	3 years for 1-Series sensors and 1-Series detectors (excluding battery) 2 years for 4-Series sensors and 4-Series detectors (excluding battery) 1 year for H_2, NH_3, Cl_2, O_3, ClO_2 sensors

DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

SENSOR SPECIFICATIONS			
GASES	STANDARD MEASURING RANGE	RESOLUTION	OPERATING TEMPERATURE
H_2S (1S)	0-200 ppm	0.1 ppm	-40 to +140°F / -40 to +60°C
CO (1S)	0-2000 ppm	1 ppm	-40 to +140°F / -40 to +60°C
O_2 (1S)	0-30% v/v	0.1% v/v	-40 to +140°F / -40 to +60°C
CL_2 (4S)	0-50 ppm	0.1 ppm	-4 to +104°F / -20 to +40°C
CLO_2 (4S)	0-1 ppm	0.01 ppm	-4 to +104°F / -20 to +40°C
CO-H (4S)	0-2000 ppm	0.5 ppm	-22 to +122°F / -30 to +50°C
ETO (4S)	0-100 ppm	0.1 ppm	-22 to +122°F / -30 to +50°C
H_2 (4S)	0-1000 ppm	2 ppm	-4 to +122°F / -20 to +50°C
H_2S (EXT. RANGE) (4S)	0-500 ppm	0.1 ppm	-40 to +122°F / -40 to +50°C
HCN (4S)	0-100 ppm	0.1 ppm	-4 to +122°F / -20 to +50°C
NH_3 (4S)	0-100 ppm	1 ppm	-4 to +104°F / -20 to +40°C
NH_3 (EXT. RANGE) (4S)	0-400 ppm	1 ppm	-4 to +104°F / -20 to +40°C
NO (4S)	0-250 ppm	0.2 ppm	-22 to +122°F / -30 to +50°C
NO_2 (4S)	0-100 ppm	0.1 ppm	-4 to +122°F / -20 to +50°C
O_3 (4S)	0-1 ppm	0.01 ppm	-4 to +104°F / -20 to +40°C
PH_3 (4S)	0-5 ppm	0.1 ppm	-4 to +122°F / -20 to +50°C
SO_2 (4S)	0-100 ppm	0.1 ppm	-4 to +122°F / -20 to +50°C

1S = 1-Series sensor / 4S = 4-Series sensor



INTELLIDOX DOCKING SYSTEM

IntelliDoX combines smart-docking modules with our instrument management system to provide automated testing and record keeping.

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Device Management with
Honeywell Safety Suite

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