

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, H₂S and O₂. 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 SafetySuite Device Configurator software.



H ₂ S	CO	O ₂
NH ₃	SO ₂	HCN
Cl ₂	NO	NO ₂
PH ₃	ETO	ClO ₂
O ₃	H ₂	



Easy to handle



Easy to read



Easy to service



Easy to see

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 6.7 x 3.6 cm (1-Series sensor models) 2.7 x 2.6 x 1.6 in. / 7.0 x 6.7 x 4.1 cm (4-Series sensor models)
WEIGHT	3.6 to 4.1 oz. / 103 to 116 g, depending on installed sensor
HUMIDITY	0% - 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	<ul style="list-style-type: none"> Bluetooth™ Low Energy (BLE) – Ability to connect to Honeywell's Safety Communicator App
USER OPTIONS	<ul style="list-style-type: none"> 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 (Honeywell BW™ Solo Lite*: English, Russian, Japanese, Chinese and Korean only)
CERTIFICATIONS AND APPROVALS	<p>CE: 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</p> <p>ATEX: Sira 18ATEX2243 CE 2460 Ex II 1G Ex ia IIC T4 Ga Ex I M1 Ex ia I Ma -40°C ≤ Tamb ≤ 60°C</p> <p>IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°C ≤ Tamb ≤ 60°C</p> <p>FCC ID: SU3BWS1</p> <p>IC: 20969-BWS1</p> <p>RED: RE-D Directive 2014/53/EU</p> <p>For additional certifications, please review the manual or consult Honeywell Analytics.</p>
WARRANTY	3 years for 1-Series detectors and sensors (H ₂ S, CO, O ₂) 2 years for 4-Series detectors and sensors (1 year for NH ₃ , Cl ₂ , O ₃ , ETO, ClO ₂ sensors)

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



INTELLIDOX DOCKING SYSTEM

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

SENSOR SPECIFICATIONS			
GASES	STANDARD MEASURING RANGE	RESOLUTION	OPERATING TEMPERATURE
H ₂ S (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°
ClO ₂ (4S)	0-1 ppm	0.01 ppm	-4 to +104°F / -20 to +40°
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°
H ₂ S (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	-22 to +122°F / -30 to +50°C
NH ₃ (4S)	0-100 ppm	1 ppm	-4 to +104°F / -20 to +40°
NH ₃ (EXT. RANGE) (4S)	0-400 ppm	1 ppm	-4 to +104°F / -20 to +40°
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°
O ₃ (4S)	0-1 ppm	0.01 ppm	-22 to +122°F / -30 to +50°C
PH ₃ (4S)	0-5 ppm	0.1 ppm	-4 to +122°F / -20 to +50°
SO ₂ (4S)	0-100 ppm	0.1 ppm	-22 to +122°F / -30 to +50°C
H ₂ S (4S)*	0-100 ppm	0.1 ppm	-40 to +140°F / -20 to +50°C
CO (4S)*	0-1000 ppm	1 ppm	-40 to +140°F / -20 to +50°C
O ₂ (4S)*	0-30% v/v	0.1% v/v	-40 to +140°F / -20 to +50°C

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

*Honeywell BW™ Solo Lite only (not available in North America).

Honeywell