

# 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<sub>2</sub>S and O<sub>2</sub>. 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.



H <sub>2</sub> S	CO	O <sub>2</sub>
NH <sub>3</sub>	SO <sub>2</sub>	HCN
Cl <sub>2</sub>	NO	NO <sub>2</sub>
PH <sub>3</sub>	ETO	ClO <sub>2</sub>
O <sub>3</sub>	H <sub>2</sub>	



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	5% - 95% RH (non-condensing)
INGRESS PROTECTION	IP68
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 <sub>2</sub> )
CONNECTED WORKER	<ul style="list-style-type: none"> <li>Bluetooth™ Low Energy (BLE) – Ability to connect to Honeywell's Safety Communicator App</li> </ul>
USER OPTIONS	<ul style="list-style-type: none"> <li>Reset TWA, STEL and Peak readings</li> <li>Change High, Low, TWA and STEL alarm setpoints</li> <li>Latching alarms</li> <li>Enable IntelliFlash and non-compliance indicators</li> <li>Set calibration and/or bump test reminders</li> <li>Assign worker and location assignments</li> <li>Language select: English, French, Spanish, German, Italian, Russian, Japanese, Chinese, Korean, Portuguese, Dutch</li> </ul>
CERTIFICATIONS AND APPROVALS	<p><b>CE</b> : 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><b>ATEX</b>: Sira 19ATEX2004 <b>CE</b> 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</p> <p><b>IECEX</b>: IECEX SIR 19.0004 Ex ia IIC T4 Ga / Ex ia I Ma -40°C ≤ Tamb ≤ 60°C</p> <p><b>FCC ID</b>: SU3BWS1</p> <p><b>IC</b>: 20969-BWS1</p> <p><b>RED</b>: 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 sensors and 1-Series detectors (excluding battery) 2 years for 4-Series sensors and 4-Series detectors (excluding battery) 1 year for H <sub>2</sub> , NH <sub>3</sub> , Cl <sub>2</sub> , O <sub>3</sub> , ClO <sub>2</sub> sensors

SENSOR SPECIFICATIONS			
GASES	STANDARD MEASURING RANGE	RESOLUTION	OPERATING TEMPERATURE
H <sub>2</sub> 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 <sub>2</sub> (1S)	0-30% v/v	0.1% v/v	-40 to +140°F / -40 to +60°C
Cl <sub>2</sub> (4S)	0-50 ppm	0.1 ppm	-4 to +104°F / -20 to +40°C
ClO <sub>2</sub> (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 <sub>2</sub> (4S)	0-1000 ppm	2 ppm	-4 to +122°F / -20 to +50°C
H <sub>2</sub> 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	-4 to +122°F / -20 to +50°C
NH <sub>3</sub> (4S)	0-100 ppm	1 ppm	-4 to +104°F / -20 to +40°C
NH <sub>3</sub> (EXT. RANGE) (4S)	0-1000 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 <sub>2</sub> (4S)	0-100 ppm	0.1 ppm	-4 to +122°F / -20 to +50°C
O <sub>3</sub> (4S)	0-1 ppm	0.01 ppm	-4 to +104°F / -20 to +40°C
PH <sub>3</sub> (4S)	0-5 ppm	0.1 ppm	-4 to +122°F / -20 to +50°C
SO <sub>2</sub> (4S)	0-100 ppm	0.1 ppm	-4 to +122°F / -20 to +50°C

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

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.

Clean Rooms | Pharma | Hospital | HVAC | BulkDrugs | Chemicals | Heavy Machinery | Hydraulics | Vacuum Industry  
Green House | Server Room | Confined Space | Cold Storage

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