

# Honeywell BW™ Solo Single-Gas Detectors

The Honeywell BW Solo is the next generation single-gas diffusion detector used for personal safety. The Solo features a long life span, one-button operation, and it's small. Whether you're monitoring for common or exotic gases, the Solo is available with comprehensive list of sensor options.

## FEATURES

- High standard of sensor quality and reliability
- User-friendly single button operation
- Easy to read display with multiple languages
- Optional Bluetooth (BLE) connectivity
- IntelliFlash™ visual light indicating the instrument is on and detecting
- Field serviceable sensors, filters, and batteries
- Compatible with the IntelliDoX docking station

## KIT INCLUDES

- Honeywell BW Solo Monitor
- Test Cap with 1 ft. of hose
- Quick Reference Guide

## ACCESSORIES

- SafetySuite App
- Calibration Gas & Gas Regulator
- IntelliDoX docking system



A long list of sensor options are available for Honeywell BW™ Solo monitors.

**CALL GEOTECH TODAY (800) 833-7958**

**Geotech Environmental Equipment, Inc.**  
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### SPECIFICATIONS

#### Technical Specifications

<b>Size</b>	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)
<b>Weight</b>	3.6 to 4.1 oz./103 to 116 g, depending on installed sensor
<b>Humidity</b>	5-95% RH (non-condensing)
<b>Ingress Protection</b>	IP68
<b>Alarms &amp; Type</b>	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, non-compliance
<b>Self-Test</b>	Sensor integrity, circuitry, battery and audible/visual alarms on activation; battery (continuous)
<b>Typical Battery Life</b>	12 months (6 months for 1-Series O <sub>2</sub> )
<b>Connected Worker</b>	<ul style="list-style-type: none"> <li>Bluetooth™ Low Energy (BLE) – Ability to connect to Honeywell’s Safety Communicator App</li> </ul>
<b>User Options</b>	<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>
<b>Certifications &amp; Approvals</b>	<p>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 CE 0518 g 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 <b>IC:</b> 20969-BWS1 <b>RED:</b> RE-D Directive 2014/53/EU</p> <p>For additional certifications, please review the manual or consult Honeywell Analytics.</p>
<b>Warranty</b>	<p>3 years for 1-Series sensors and 1-Series detectors (excluding battery)</p> <p>2 years for 4-Series sensors and 4-Series detectors (excluding battery)</p> <p>1 year for H<sub>2</sub>, NH<sub>3</sub>, Cl<sub>2</sub>, O<sub>3</sub>, ClO<sub>2</sub> sensors</p>

#### 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 (4S) (EXT. RANGE)	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> (4S) (EXT. RANGE)	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.

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