

# 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:

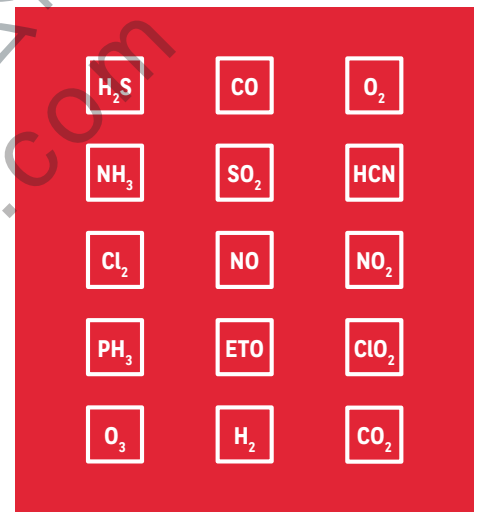
- The easiest single-gas detector to service, with no need to take it apart to replace sensors, batteries and sensor filters. That means long life and low cost.
- Complete with an extensive selection of sensor options. Count on comprehensive detection, whether you're monitoring for common or exotic hazards.
- The first single-gas detector with the 1-Series sensor for CO, H<sub>2</sub>S, O<sub>2</sub> and CO<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 SafetySuite Device Configurator software to maintain and monitor your entire fleet from practically anywhere.



Easy to handle



Easy to read



## FEATURES AND 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 – Honeywell Safety Suite Real Time – which can be accessed 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

	BW™ SOLO & BW™ SOLO WIRELESS	BW™ SOLO LITE*
SENSOR TYPE	1-Series and 4-Series	4-Series only
DATALOGGING	Yes	–
EVENTLOGGING	50 Events	5 Events
LANGUAGES SUPPORTED	11	5
WORKER & LOCATION ASSIGNMENT	Yes	–

\*Not available in North America.

**Honeywell**

# Honeywell BW™ Solo Technical Specifications

TECHNICAL SPECIFICATIONS		SENSOR SPECIFICATIONS			
<b>SIZE</b>	7.0 x 6.7 x 3.6 cm (2.7 x 2.6 x 1.4 in) (1-Series sensor models) 7.0 x 6.7 x 4.1 cm (2.7 x 2.6 x 1.6 in) (4-Series sensor models)	<b>GASES</b>	<b>STANDARD MEASURING RANGE</b>	<b>RESOLUTION</b>	<b>OPERATING TEMPERATURE</b>
<b>WEIGHT</b>	103 to 116 g (3.6 to 4.1 oz), depending on installed sensor	H <sub>2</sub> S (1S)	0-200 ppm	0.1 ppm	-40°C to +60°C (-40°F to +140°F)
<b>HUMIDITY</b>	0% - 95% RH (non-condensing)	CO (1S)	0-2000 ppm	1 ppm	-40°C to +60°C (-40°F to +140°F)
<b>INGRESS PROTECTION</b>	IP66/68	CO <sub>2</sub> (1S)	0-50,000 ppm certification pending	100 ppm	-20°C to +60°C (-4°F to +140°F)
<b>ALARMS AND TYPE</b>	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, non-compliance	O <sub>2</sub> (1S)	0-30% v/v	0.1% v/v	-40°C to +60°C (-40°F to +140°F)
<b>SELF-TEST</b>	Sensor integrity, circuitry, battery and audible/visual alarms on activation; battery (continuous)	Cl <sub>2</sub> (4S)	0-50 ppm	0.1 ppm	-20°C to +40°C (-4°F to +104°F)
<b>TYPICAL BATTERY LIFE</b>	12 months (6 months for 1-Series O <sub>2</sub> ), 2 months for 1S CO <sub>2</sub>	ClO <sub>2</sub> (4S)	0-1 ppm	0.01 ppm	-20°C to +40°C (-4°F to +104°F)
<b>CONNECTED WORKER</b>	<ul style="list-style-type: none"> <li>Bluetooth™ Low Energy (BLE) – Ability to connect to the Honeywell Safety Communicator App</li> </ul>	CO-H (4S)	0-2000 ppm	0.5 ppm	-30°C to +50°C (-22°F to +122°F)
<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 (Honeywell BW™ Solo Lite*, English, Russian, Japanese, Chinese and Korean only)</li> </ul>	ETO (4S)	0-100 ppm	0.1 ppm	-30°C to +50°C (-22°F to +122°F)
<b>CERTIFICATIONS AND APPROVALS</b>	<p><b>UL:</b> Class I, Division 1, Groups A, B, C, D T4</p> <p><b>ATEX:</b> Sira 18ATEX2243</p> <p><b>CE:</b> 2460 Ex II 1G Ex ia IIC T4 Ga</p> <p><b>IECEX:</b> IECEX SIR 18.0058 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>	H <sub>2</sub> S (EXT. RANGE) (4S)	0-500 ppm	0.1 ppm	-40°C to +50°C (-40°F to +122°F)
<b>WARRANTY</b>	3 years for 1-Series detectors and sensors (H <sub>2</sub> S, CO, O <sub>2</sub> , CO <sub>2</sub> ) 2 years for 4-Series detectors and sensors (1 year for NH <sub>3</sub> , Cl <sub>2</sub> , O <sub>3</sub> , ETO, ClO <sub>2</sub> sensors)	HCN (4S)	0-100 ppm	0.1 ppm	-20°C to +50°C (-4°F to +122°F)
		NH <sub>3</sub> (4S)	0-100 ppm	1 ppm	-20°C to +40°C (-4°F to +104°F)
		NH <sub>3</sub> (EXT. RANGE) (4S)	0-1000 ppm	1 ppm	-20°C to +40°C (-4°F to +104°F)
		NO (4S)	0-250 ppm	0.2 ppm	-30°C to +50°C (-22°F to +122°F)
		NO <sub>2</sub> (4S)	0-100 ppm	0.1 ppm	-20°C to +50°C (-4°F to +122°F)
		O <sub>3</sub> (4S)	0-1 ppm	0.01 ppm	-20°C to +40°C (-4°F to +104°F)
		PH <sub>3</sub> (4S)	0-5 ppm	0.1 ppm	-20°C to +50°C (-4°F to +122°F)
		SO <sub>2</sub> (4S)	0-100 ppm	0.1 ppm	-40°C to +50°C (-40°F to +122°F)
		H <sub>2</sub> S (4S)*	0-100 ppm	0.1 ppm	-20°C to +50°C (-4°F to +122°F)
		CO (4S)*	0-1000 ppm	1 ppm	-20°C to +50°C (-4°F to +122°F)
		O <sub>2</sub> (4S)*	0-30% v/v	0.1% v/v	-20°C to +50°C (-4°F to +122°F)

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.

### For more information

[www.safety.honeywell.com](http://www.safety.honeywell.com)

### Honeywell Gas Analysis and Safety

9680 Old Bailes Rd, Fort Mill, SC 29707

(803) 835-8000

### Contact us

US: Tel. 800.430.5490  
Canada: Tel. 888.212.7233  
Fax. 800.322.1330  
Fax. 888.667.8477

[informationsp@honeywell.com](mailto:informationsp@honeywell.com)

GAS\_Honeywell BW Solo\_DS | Rev B | 12/20  
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1S = 1-Series sensor / 4S = 4-Series sensor

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

**THE  
FUTURE  
IS  
WHAT  
WE  
MAKE IT**

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