Gas Detection

# Honeywell BW<sup>™</sup> Solo

Honeywell

THE POWER OF CONNECTED

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<sup>™</sup> 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<sup>™</sup> 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 SafetySuite Device Configurator software.







Easy to read

Easy to service



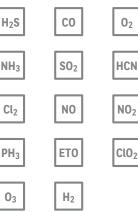
#### e Easy to see



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Honeywell BW Solo



### 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<sup>™</sup> 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<sup>™</sup> Solo to share gas data with the desktop software — no dock required.

#### Other Honeywell BW<sup>™</sup> Solo features:

- Option to activate IntelliFlash  $\ensuremath{^{\rm M}}$  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

## 1.800.561.8187



# information@itm.com

### Honeywell BW<sup>™</sup> 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 <sub>2</sub> )   CONNECTED WORKER • Bluetooth" Low Energy (BLE) - Ability to connect to Honeywell's Safety Communicator App   USER OPTIONS • Reset TWA, STEL and Peak readings • Assign worker and location assignments   • Change High, Low, TWA and STEL alarm setpoints • Language select: English, French, Spanish, German, Italian, Latching alarms • Language select: English, Sensor, Japanese, Chinese, and Korean Orly)   CERTIFICATIONS AND APPROVALS Image: Libration and/or English, Tarsen and Korean only) • Class I, Division 1, Groups A, B, C, D T4 Class I, Zone O, AEx/Ex ia IIC T4 Ga = 40°Cs Tamb s 60°C   APPROVALS Image: Libration and/or Ex is in 18A 12028 EC 2460 @ II 1G Ex ia IIC 74 Ga / 40°Cs Tamb s 60°C   IECEX: Sin 18.0058 Ex ia IIM a						
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TYPICAL BATTERY LIFE 12 months (6 months for 1-Series 0₂)   CONNECTED WORKER • Bluetooth™ Low Energy (BLE) – Ability to connect to Honeywell's Safety Communicator App   USER OPTIONS • Reset TWA, STEL and Peak readings • Assign worker and location assignments   • Change High, Low, TWA and STEL alarm setpoints • Language select: English, STEL alarm setpoints • Language select: English, French, Spanish, German, Italian, • Latching alarms   • Enable IntelliFlash and non-compliance indicators • (Honeywell BW™ Solo Lite*: • Set calibration and/or bump test reminders • Change A, B, C, D T4 Class I, Zone 0, AEx/Ex ia IIC T4 Ga -40°C≤ Tamb ≤ 60°C   APPROVALS If ECE X: IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°C≤ Tamb ≤ 60°C   IECEX: IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°C≤ Tamb ≤ 60°C   IECEX: IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°C≤ Tamb ≤ 60°C   IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°C≤ Tamb ≤ 60°C   IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°C≤ Tamb ≤ 60°C   IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°C≤ Tamb ≤ 60°C   IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°C≤ Tamb ≤ 60°C   IEC: RED: RE-D Directive 2014/53/EU   For additional certifications, please review the manu	ALARMS AND TYPE	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, non-compliance				
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Peak readingslocation assignments• Change High, Low, TWA and STEL alarm setpoints• Language select: English, French, Spanish, German, Italian, • Latching alarms• Language select: English, French, Spanish, German, Italian, • Latching alarms• Latching alarmsRussian, Japanese, Chinese, • Enable IntelliFlash and non-compliance indicatorsKorean, Portuguese, Dutch non-compliance indicators• Enable IntelliFlash and non-compliance indicators(Honeywell BW <sup>™</sup> Solo Lite*: • Set calibration and/or English, Russian, Japanese, bump test reminders• CERTIFICATIONS AND APPROVALSImage: Class I, Division 1, Groups A, B, C, D T4 Class I, Zone 0, AEx/Ex ia IIC T4 Ga • Class I, Zone 0, AEx/Ex ia IIC T4 Ga • Qi H1 Ex ia I Ma -40°Cs Tamb ≤ 60°CIECEx:IECEx:IECEx SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°Cs Tamb ≤ 60°CIECE:20969-BWS1 RED: RED:RE-D Directive 2014/53/EU For additional certifications, please review the manual or consult Honeywell Analytics.WARRANTY3 years for 1-Series detectors and sensors (H2S, CO, O2)	CONNECTED WORKER					
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(1 year for NH <sub>3</sub> , Cl <sub>2</sub> , O <sub>3</sub> , ETO, ClO <sub>2</sub> sensors)	WARRANTY	2 years for 4-Series detectors and 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 <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	
0 <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°	
CLO <sub>2</sub> (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 <sub>2</sub> (4S)	0-1000 ppm	2 ppm	-4 to +122°F / -20 to +50°	
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	-22 to +122°F / -30 to +50°C	
NH <sub>3</sub> (4S)	0-100 ppm	1 ppm	-4 to +104°F / -20 to +40°	
NH <sub>3</sub> (EXT. RANGE) (4S)	0-1000 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 <sub>2</sub> (4S)	0-100 ppm	0.1 ppm	-4 to +122°F / -20 to +50°	
0 <sub>3</sub> (4S)	0-1 ppm	0.01 ppm	-22 to +122°F / -30 to +50°C	
PH <sub>3</sub> (4S)	0-5 ppm	0.1 ppm	-4 to +122°F / -20 to +50°	
SO <sub>2</sub> (4S)	0-100 ppm	0.1 ppm	-22 to +122°F / -30 to +50°C	
H <sub>2</sub> 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	
0 <sub>2</sub> (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<sup>™</sup> Solo Lite only (not available in North America).

Datasheet\_Honeywell BW Solo\_DS110218-01\_US-EN  $\mid$  11/18 © 2018 Honeywell International Inc.

### Honeywell

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