Gas Detection

Honeywell BW[™] 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[™] 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.





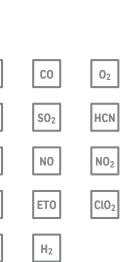


Easy to service



vice Easy to see





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NH:

Honeywell BW Solo

Honeywell BW Sold

H₂S

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PH₃

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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^{m} Solo to share gas data with the desktop software — no dock required.

Other Honeywell BW[™] Solo features:

- Option to activate IntelliFlash ${}^{\scriptscriptstyle \mathsf{M}}$ 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

Honeywell BW[™] Solo Technical Specifications

TYPICAL BATTERY LIFE 12 months (6 months for 1-Series O₂) 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 Peak readings • Language select: English, STEL alarm setpoints • Language select: English, STEL alarm setpoints • Latching alarms • Russian, Japanese, Chinese, • Enable IntelliFlash and non-compliance indicators • (Honeywell BW [™] Solo Lite*: • Set calibration and/or bump test reminders CERTIFICATIONS AND APPROVALS Image: 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 ATEX: Sira 18ATEX2243 Image: Class I, Ima						
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 • Bluetooth ^m 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 • Languege select: English, STEL alarm setpoints • Languege select: English, STEL alarm setpoints • Languege select: English, STEL alarm setpoints • Latching alarms • Languege select: English, STEL alarm setpoints • Languege select: English, STEL alarm setpoints • Set calibration and/or English, Russian, Japanese, Dump test reminders • Chinese and Korean only) CERTIFICATIONS AND APPROVALS If: Class I, Division 1, Groups A, B, C, D T4 Class I, Zone 0, AEx/Ex ia IIC T4 Ga • Q0°C S Tamb s 60°C ATEX: Sira 18ATEX2243 C € 2460 © II 16 Ex ia IIC T4 Ga § IMI Ex ia I Ma< -40°Cs Tam	TECHNICAL SPECIFICATIONS					
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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, Russian, Japanese, Chinese, Korean, Portuguese, Dutch non-compliance indicators • Korean, Portuguese, Dutch (Honeywell BW™ Solo Lite*: • Set calibration and/or bump test reminders • 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 AFEX: Sira 18ATEX2243 • € 2460 @ II 1G Ex ia IIC T4 Ga @ IM1 Ex ia 1Ma -40°C≤ Tamb ≤ 60°C IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia 1Ma -40°C≤ Tamb ≤ 60°C IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia 1Ma -40°C≤ Tamb ≤ 60°C IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia 1Ma -40°C≤ Tamb ≤ 60°C IECEX: IECEX SIR 18.0058 Ex ia IIC T4 Ga / Ex ia IMa -40°C≤ Tamb ≤ 60°C IC: 20969-BWS1 RED: RED: RED: RE-D Directive 2014/53/EU For additional certifications, please review the manual or consult Honeywell Analytics. WARRANTY 3 years for 1-Series detectors and sensors (H2S, CO, O2) 2 years for 4-Series detectors and sensors	SELF-TEST	Sensor integrity, circuitry, battery and audible/visual alarms on activation; battery (continuous)				
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	WARRANTY					

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	
0 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)	0-1000 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 ₂ (4S)	0-100 ppm	0.1 ppm	-4 to +122°F / -20 to +50°	
0 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	
0 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).

