

# 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            |   |
|-------------------------------------|---|
| <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)<br>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>           | IP66/68   |
| <b>ALARMS AND 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 AND APPROVALS</b> | <p><b>CE</b> : Class I, Division 1, Groups A, B, C, D T4<br/>Class I, Zone 0, AEx/Ex ia IIC T4 Ga -40°C ≤ Tamb ≤ 60°C</p> <p><b>ATEX</b>: Sira 19ATEX2004<br/><b>CE</b> 0518 Ex II 1G Ex ia IIC T4 Ga -40°C ≤ Tamb ≤ 60°C<br/>Ex I M1 Ex ia I Ma -40°C ≤ Tamb ≤ 60°C</p> <p><b>IECEX</b>: IECEX SIR 19.0004<br/>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> |
| <b>WARRANTY</b>                     | 3 years for 1-Series sensors and 1-Series detectors (excluding battery)<br>2 years for 4-Series sensors and 4-Series detectors (excluding battery)<br>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)  | 0-400 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.

### For more information

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Device Management with  
Honeywell Safety Suite



[honeywellanalytics.com/SafetySuite](http://honeywellanalytics.com/SafetySuite)

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