

THE NEXT-GENERATION SINGLE-GAS DETECTOR: EASIER TO OPERATE AND SERVICE.

The BW Solo is a next-generation single-gas detector: small, lightweight and easy to service. You can replace this model's sensors, batteries and filters without taking the device apart.

The BW Solo is the first detector on the market to feature 1-Series sensor technology for increased accuracy, lower costs and safer workers. It delivers a faster response, reliable performance and a long life, even in extreme environments.

It is compatible with the IntelliDoX system. Just place the detector in the dock to automatically transfer the test results and perform actions such as the bump test, make changes to setpoints and enable calibration reminders.

The BW Solo detector is designed to meet the highest standards of quality and reliability, to ensure safety and compliance.



TECHNICAL DATA

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

Protection Class: IP68

Humidity: 5-95% RH (non-condensing)

Operating time: 12 months (6 months for 1-Series O₂), 4 months for 1S CO₂

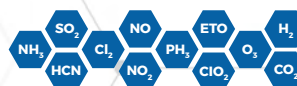
Alarms: Visual, vibrating, audible (95 dB) · Low, High, TWA, STEL, non-compliance

Self-Test: Sensor integrity, circuitry, battery and audible/visual alarms on activation; battery (continuous)

Approvals: ATEX II 1 G Ex ia IIC T4 Ga, IECEx SIR 18.0058

Warranty:

3 years for 1-Series detectors and sensors (H₂S, CO, O₂)
2 years for 4-Series detectors and sensors
1 year for NH₃, Cl₂, O₃, ETO, ClO₂ sensors



SENSOR SPECIFICATIONS

Gas	Measuring Range	Resolution	Operating Temperature
CO ₂ (1S-IR)	0-50,000 ppm	100 ppm	-4 to +122°F / -20 to +50°C
H ₂ S (1S)	0-200 ppm	0.1 ppm	-40 to +140°F / -40 to +60°C
CO (1S)	0-2,000 ppm	1 ppm	-40 to +140°F / -40 to +60°C
O 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°C
ClO ₂ (4S)	0-1 ppm	0.01 ppm	-4 to +104°F / -20 to +40°C
CO-H (4S)	0-2,000 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)	0-1,000 ppm	2 ppm	-4 to +122°F / -20 to +50°C
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	-4 to +122°F / -20 to +50°C
NH ₃ (4S)	0-100 ppm	1 ppm	-4 to +104°F / -20 to +40°C
NH ₃ (EXT. RANGE) (4S)	0-1,000 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 ₂ (4S)	0-100 ppm	0.1 ppm	-4 to +122°F / -20 to +50°C
O ₃ (4S)	0-1 ppm	0.01 ppm	-4 to +104°F / -20 to +40°C
PH ₃ (4S)	0-5 ppm	0.1 ppm	-4 to +122°F / -20 to +50°C
SO ₂ (4S)	0-100 ppm	0.1 ppm	-40 to +122°F / -40 to +50°C

1S = 1-Series sensor / 4S = 4-Series sensor / 1S-IR : 1-Series Infrarouge sensor
**Certifications pending

WIRELESS VERSION:



For even more convenience, choose the Wireless version and manage your fleet from your smartphone.

Paired with the Honeywell Safety Suite app, it provides real-time visibility of staff safety:

- Concentration readings from the gas detector
- Location of the worker
- Gas alarms
- Device compliance (gas test and calibration)