DATASHEET

ARTICLE

Gasdetector Honeywell BW Flex 5-gas (LEL(IR)/O2/CO/H2S/CO2) - non pumped - MED/SOLAS

Number: 4.29.0143

SPECIFICATIONS

Made in: United Kingdom

HS Code: 90271010

DESCRIPTION

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WORK THE WAY YOU WANT TO
The IntelliFlash™ and ultra-bright alarm LEDs provide users an instant overview of the detectors status. Red for stop, amber as a warning, and green you're good to go, gives that simple view inexperienced users need. The display can also be configured to show all the gases at the same time or one at a time. Either way the operator gets all they need to know at a glance.

MORE GASES FOR MORE APPLICATIONS
Select up to 4 sensors from 14 different gas types. With common gases covered and a growing range of "exotic" sensors too, the BW Flex can be used to protect workers from up to five gases in even more industries.

READY FOR THE CONNECTED FUTURE
Pairing the Honeywell BW™ Flex 4/5 with your smart mobile device via Bluetooth™ allows remote measurement, field reporting of incidents, or even full instrument configuration and calibration. What's more everything is recorded for download when needed and users can easily synchronize with Safety Suite fleet management

The main difference between a catalytic and an infrared (IR) LEL sensor is the need for oxygen and the type of gas being detected.
Catalytic sensors "burn" the gas and require oxygen to work, while IR sensors use light absorption and can operate in inert (oxygen-free) environments. Catalytic is better for hydrogen/acetylene; IR is better for hydrocarbons in complex environments.

Catalytic LEL Sensor (Combustion)
- How it works: Measures the heat released by the catalytic combustion of a gas.
- Oxygen requirement: Absolutely requires oxygen to function.
- Applications: Suitable for most flammable gases, including hydrogen (H2) and acetylene, which IR sensors cannot detect.
- Limitations: Can be "poisoned" by silicones or sulfur compounds, leading to a loss of sensitivity.

Infrared (IR) LEL Sensor (Light Absorption)
- How it works: Measures how much infrared light a gas absorbs at a specific wavelength.
- Oxygen requirement: Works in oxygen-deficient or inert environments.
- Applications: Ideal for hydrocarbons (methane, propane, etc.).
- Limitations: Cannot detect hydrogen (H2) or acetylene.

CERTIFICATIONS

- [x] SOLAS
- [x] MED
- [x] ATEX

DATASHEET

SPARE PARTS / COMPLEMENTARY GOODS

4.27.1086 Calibration hose - 1 meter
4.29.0144 Calibration testgas Quintgas - 5 gas (110ltr) for Honeywell gasdetector
4.29.0145 Reduceerventiel demand flow (RVS) - for Quintgas calibrationgas 0,5 lpm

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