BS03 Fixed Gas Detector

ATEX Approved
LED display

Features:
- High sensitivity and long life
- Low drift and reliable performance
- Self-check of sensor fault
- Relay output of high-alarm and low-alarm
- LED display
- Temperature compensation
- Auto zero calibration
- 4~20mA signal output
- RS-485 compatible
- Infrared remote control for adjustment and calibration, no need to open the cover
- Suitable for hazardous place use

Fitting:

Detector fittings: Detector, Explosion-proof gasket, Using manual
Optional fittings: Remote control, Acousto-optic annunciator, Water-proof cover, Tighten firmware

Certificate: ATEX, CE

Specifications:

Target gas: Combustible gases and Toxice gases
Method of detecion: Natural diffusion
Sensor : Catalytic gas sensor for combustible gas
         Electrochemical gas sensor for toxic gas
Debug method: Infrared control
Unit: %LEL, ppm, %VOL
Response time: ＜30s
Load resistance 4~20mA: ≤500 Ω
Accuracy: F.S.±5%
Repeatability: F.S.±3%
Working voltage: DC24V±25%
Working condition:
        Combustible gas: Tem.: -40℃～70℃
        Toxic gas: Tem.: -20℃～50℃
        Hum.: ≤95%RH
Output signals: 4~20mA, RS485 digital output
                Two level free contact 0.5A
Explosion-proof: Exd II CT6
Protection degree: IP65
Power Consumption: ≤3W
Cable: ≥ RVVP 1.5 mm^2×4 or RVVP 1.5 mm^2×3
Transmit distance: ≤1000m
Pressure: 86kPa～106kPa
Install screw thread: G3/4 G1/2
Colour: Orange
Weight: 2000g
Shell Material: Aluminum

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