



GSM Series

GasScanner Stand Alone Diffusion Transmitters



Description

The GSM Series is a state of the art transmitter that can operate as an independent, stand alone system or as part of a system connected with an analog signal to a GasScanner controller. The GSM Series detects LEL combustibles, O₂, H₂S, CO, and CO₂. These detector assemblies are rated for Class 1, Division 1, Group B, C and D atmospheres. It utilizes a magnetic wand technique for performing non-intrusive calibration. The GSM Series provides an automatic zero drift correction feature, which results in more stable readings and reduces the need for adjustments due to sensor aging.

The housing of the GSM does not need to be opened for zeroing or calibration, making it unnecessary to declassify the area for routine maintenance. It is designed so that a complete field calibration can be performed by one person. The stainless steel flame arrester housing that covers the sensor (LEL, H₂S, or CO) is water repellent with a special patented water resistant coating.

Features

- Direct digital readout
- Monitors combustibles, H₂S, CO and O₂
- Catalytic and infrared option for LEL detection
- H₂ specific version available
- Operates independently or with any controller, PLC or DCS
- Non-intrusive calibration via magnetic wand
- 2 programmable alarm relays, plus fail relay
- Explosion proof housing
- UL version for LEL (standard)
- LEL Sensors – UL approved. CO, H₂S, O₂ – cCSAus Electrical Approval

Ordering Information

Model Number	Description
GSM-C2H2	ACETYLENE, 100% LEL, Diffusion Transmitter
GSM-C4H6	BUTADIENE, 100% LEL, Diffusion Transmitter
GSM-C4H10	BUTANE, 100% LEL, Diffusion Transmitter
GSM-CO2	CARBON DIOXIDE, 5000 ppm, Diffusion Transmitter
GSM-CO	CARBON MONOXIDE, 300 ppm, Diffusion Transmitter
GSM-D2	DEUTERIUM, 100% LEL, Diffusion Transmitter
GSM-DSLFL	DIESEL FUEL, 100 % LEL, Diffusion Transmitter
GSM-ETHNL	ETHANOL, 100% LEL, Diffusion Transmitter
GSM-FLOL	FUEL OIL, 100% LEL, Diffusion Transmitter
GSM-GASLN	GASOLINE, 100% LEL, Diffusion Transmitter
GSM-C6H14	HEXANE, 100% LEL, Diffusion Transmitter
GSM-H2	HYDROGEN, 100% LEL, Diffusion Transmitter
GSM-H2S	HYDROGEN SULFIDE, 100 ppm, Diffusion Transmitter
GSM-C4H10	ISOBUTANE, 100% LEL, Diffusion Transmitter
GSM-C4H8	ISOBUTYLENE, 100% LEL, Diffusion Transmitter
GSM-ISPRPNL	ISOPROPANOL, 100 % LEL, Diffusion Transmitter
GSM-CH4	METHANE, 100% LEL, Diffusion Transmitter
GSM-MTHNL	METHANOL, 100% LEL, Diffusion Transmitter
GSM-CH4NG	NATURAL GAS, 100% LEL, Diffusion Transmitter
GSM-O2	OXYGEN, 0-25%, Diffusion Transmitter
GSM-C5H12	PENTANE, 100% LEL, Diffusion Transmitter
GSM-C3H8	PROPANE, 100% LEL, Diffusion Transmitter
GSM-C3H6	PROPYLENE, 100% LEL, Diffusion Transmitter