



S500/S500IR Intelligent Gas Sensor

The S500 is a high quality, self-contained, intelligent gas sensor that offers a host of sophisticated features to provide fast, reliable warnings against explosive concentrations of combustible gases.

Features



- Catalytic or Infra-red sensor option
- Microprocessor based
- Voltage free relay contacts
- Low power consumption
- 4-20mA analogue output
- RS485 digital interface
- Alphanumeric dot-matrix display
- Certified ATEX II 2 G EExd IIC T6
- Standalone operation

The S500 can operate as a stand alone instrument or in conjunction with a controller or a computer. The unit is housed in an attractive, compact diameter enclosure and may be configured or calibrated by one person without declassifying the hazardous area. The gas concentration is indicated on a 4-character alphanumeric display which also indicates instrument status. The S500 is fully user programmable and no physical adjustments are required during calibration as the on-board computer assists the calibration procedure. All user variables are stored in non-volatile memory (EEPROM) and retained indefinitely even during total power failure.

The S500 is available with the proven CGS500 thermo-catalytic sensor or advanced Non Dispersive Infra Red technology making it ideal for Oil Refineries, Chemical Processing, Offshore Platforms, Gas Processing, Oil and Gas Storage Depots, Gas Pipelines, Tank Farms, Laboratories and Petrochemical Industries.

Specialists in Safety: Gas Detection

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