

GAS DETECTOR/TRANSMITTER FOR LARGER SYSTEMS

ST-...

■ This range of gas detectors can be used to detect leaks and provide an alarm. To be used in larger systems (greater than 18 sensors)
Can be used stand alone, with a BMS system or with a monitor panel.



Do not expose to extreme ambient or oily/dirty conditions.
24VAC supply, green power led
Orange led and sounder alarm
1 alarm relay rated 1A at 24VAC-Factory set threshold.
Analogue output 0 to 10VDC or 4-20mA
Dimensions 145x185x80mm 910gm
RS 485 bus for reduced wiring
IP41 housing as standard.
Test annually or in accordance with the local regulations

GAS SENSOR (SPECIFY GAS)

Type	Gas	Range	Relay set point
ST-NG	Nat Gas (methane)	0 to 5,000ppm	2500/5000ppm
ST-LPG	LP Gas	0 to 2,000ppm	1000/2000ppm
ST-CO	Carbon monoxide	0 to 100ppm	30/50ppm
ST-R134	Refrig R134	0 to 1000ppm	500/900ppm
ST-H....	Hydrogen	0 to 2,000ppm	1000/2000ppm
ST-CO2	Carbon dioxide	0 to 10,000ppm	5000/9000ppm
ST-OZ	Ozone	0-1ppm	0.1/0.2ppm
ST-O	Oxygen		0 to 25% 18/19%.
ST-H2S	Hydrogen sulphide	0 to 30ppm	5/10ppm
ST-SD	Sulphur dioxide	0 to 10ppm	2/5ppm
ST-ND	Nitrogen dioxide	0 to 10ppm	3/5ppm
ST-CL	Chlorine	0 to 10ppm	0.5/1ppm

Other gases-please enquire

Default setpoints are in accordance with www.hse.gov.uk/coshh/table1.pdf

OPTIONAL HOUSINGS

EE-HSGDUCT



EE-HSGIP66

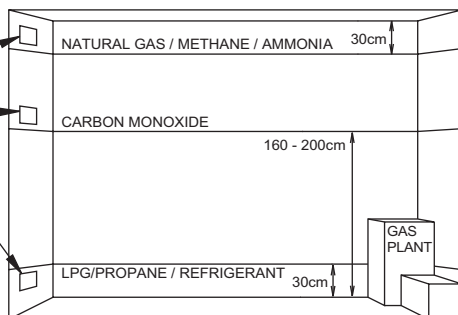


EE-HSGEx

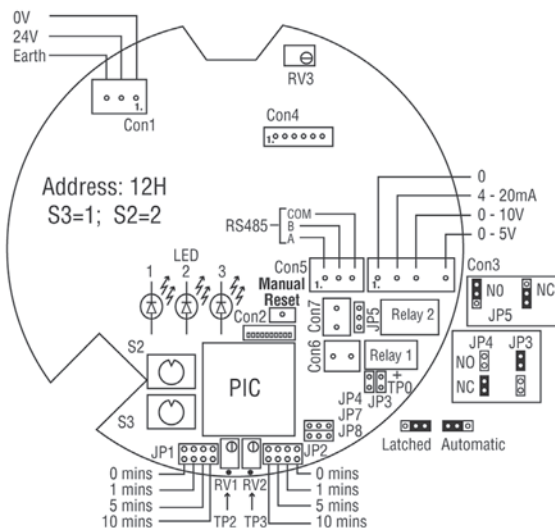


INSTALLATION

The unit should be positioned at high/mid/low level depending on the density of the gas being detected.



WIRING



Use shielded wire or alarm type cable 7/0.2mm sq

OPERATION

See the detailed instructions in the Product Data sheets supplied with the product.

MAINTENANCE

Keep the sensor energised and after installation or a period of non use energise the sensor for at least 15mins to allow it to stabilise.
Test annually or in accordance with the local regulations as detailed in the Product Data sheet.
Do not store or install in dusty dirty environments or areas of high solvent concentration.