

The SL detector incorporates an OLED display, 4-20mA and RS485 communication compatible with PID, catalytic, NDIR, MEMS & electro-chemical sensors

**Applications include:** Oil and Gas Industries, Waste Water Treatment, Pharma & Bio-Pharma, Manufacturing, Chemical and Fuel Storage Facilities

### System Features

- Remote Calibration
- Incorporates infra-red, electro-chemical, catalytic and PID sensor technologies
- Visual indication of gas levels
- Network up to 500 gas sensors
- U-processor based functionality
- Sensor or 4-20mA Input
- RS485 & 4-20mA output
- 128 x 64 OLED Display
- Alarm levels freely programmable
- Internal fault monitoring

### User Friendly

- Non-intrusive one person calibration
- Easy to use step by step menu
- Minimal training required
- Supplied pre-configured
- Programmable alarm delay
- Password protected

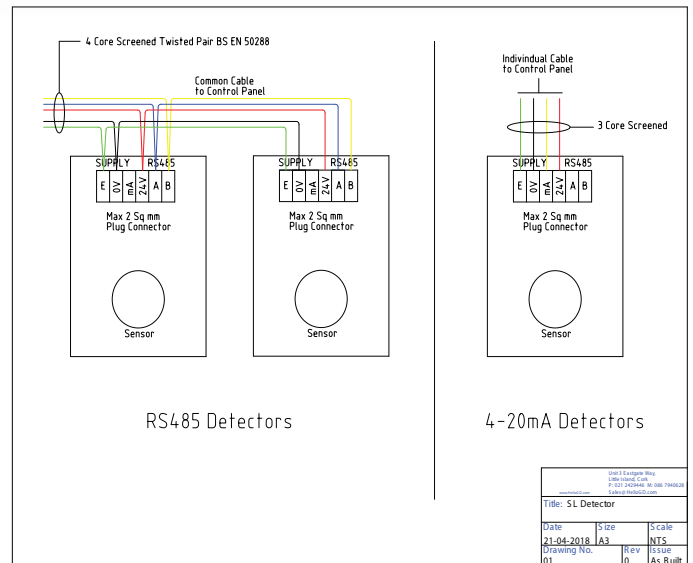
### Cost Benefits

- Standalone gas detector requiring no control panel
- RS 485 network reduce cabling costs
- Simple installation
- Plug-in replacement sensors
- Detector stability allows for increased maintenance intervals

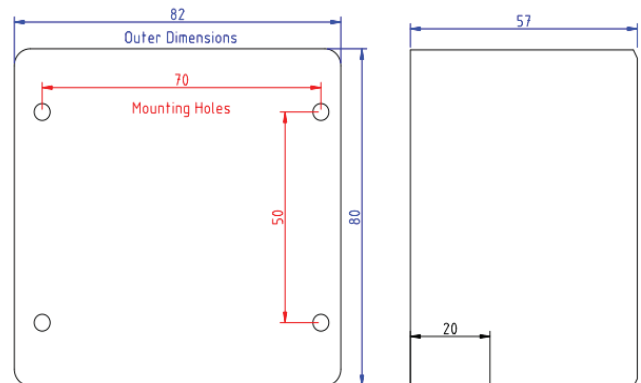


Environmental Specifications	
Operating temperature	-30 °C to 50 °C
Pressure range	80 to 120 kPa
Humidity range	15 to 90 % rh
Electrical Specifications	
Supply voltage	24Vdc
Power Consumption	Max 1W
Fuse	100mA 'T' short circuit and overload protected Sensor Specifications
Sensor Specifications	
Combustible gas sensor type	NDIR, Thermo-catalytic
Toxic gas sensor type	NDIR, Electro-chemical
Certification	Atex & IECEx
Transient protection	PCB mounted Metal Oxide varistor
Terminations	PCB terminal blocks up to 1.5mm <sup>2</sup> cables
Alarm inhibit	Password protected alarm inhibit / muting
Alarm setting	Digital setting (fully adjustable between Zero and full scale)
Alarm types	Enrichment / deficiency
Resolution	0.01
Accuracy	Sensor dependent
Full scale range	Freely programmable
Memory	64KB flash ROM
EN Regulation Compliance	EN50270, EN50271

### Wiring Diagram



### Dimensions (mm)



Electromagnetic conformance (EMC) complies with 2014/30/EU



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