

Specification Sheet

Document Ref: C1272A v3

Gas Sensor/Transmitter

- Flexible output options
- Addressable or stand alone
- Hyper terminal communications RS232
- Line data and set up with 232 adapter
- Data logging
- Optional alarm relays
- Robust and weather-proof

The 30J enclosure has been designed to allow quick and easy access to its interior by adjustment of two allen screws, this factor is a major consideration when large system service and calibrations are being carried out.

The detector is robust and weather-proof with improved response times due to the four mounting spacers allowing increased air movement around the detector these spacers also improve the mounting of the unit particularly on circular pillars typically found in car parks.

Standard 4~20mA signalling with CANbus address enables the sensors to be networked via the Frontline Combi control system or customer preferred monitoring system.

Technical Specifications

Power Supply

15 to 30vDC 24v nominal

Outputs3 wire 4~20mA
4 wire CANbus**Relays (optional)**Low alarm S.P.C.O
High alarm S.P.C.O
Fault alarm S.P.C.O / overrange
Rating 0.5A @30vDC
Inhibit option during servicing**Logging**Addressable sensors only
Intervals - variable time
Roll over/stop
Storage - 2,880 readings**Temperature**

-15°C to +55°C

Humidity

0 to 99% RH non-condensing

Frontline Safety UK LtdUnit F, 230 Parkway Point, Springhill Parkway,
Glasgow Business Park, Glasgow, UK, G69 6GAwww.frontline-safety.co.uk**t:** +44(0)141 771 7749**f:** +44(0)141 771 7747**e:** sales@frontline-safety.co.uk

Specification Sheet

Gas Sensor Transmitter

Document Ref: C1274A v1

Technical Specifications

DETECTOR HEAD

Type – F1 Safe Area Use

Certification

ATEX / IECEx

Ingress Protection

IP63, + Universal fitting IP64

Material

Stainless Steel 316 S16

Weight

166g

Weight

Length 32mm, Diameter 33mm

Sensor Inserts – 4 series

Electrochemical

Infrared

Semiconductor

Pellistor – Catalytic

PID

Accessories

Collector core + universal fitting

Universal fitting (test gas applicator / spray deflector)

Flow block (Nylatron and stainless steel)

Duct mount kit

Detector head weather shield

F1 Sensor Thermal Jacket

JUNCTION BOX

Type – 15/30J Safe Area Use Only

15J - shallow box (S)

30J - deep box (D)

Ingress Protection

IP64

Material

ABS Flame retardant FR40

Lid screws M4SS

Finish

Signal white RAL 9003

Weight

380 gms

Entries

Rear 5-20mm knock outs

Bottom: 2 x drill targets

Sides, top – not specified

Mounting

Standoffs – M4 or No 8 screws

Drill at (C) when standoffs removed

Conduit box – drill at (A) 4.5mm

Surface mount box – drill at (B) 4.5 mm

EU Design No.

01359723-0001

Technical Diagrams

