

## **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

#### **Outputs**

3 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

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### **Specification Sheet**

Document Ref: C1274A v1

### Gas Sensor Transmitter

## **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

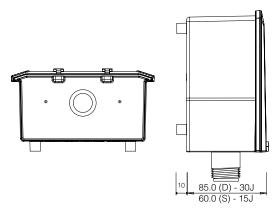
Conduit box – drill at (A) 4.5 mm

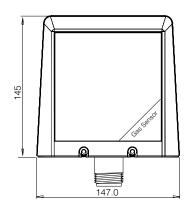
Surface mount box – drill at (B) 4.5 mm

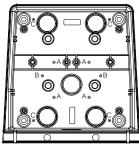
#### EU Design No.

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# **Technical Diagrams**







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