

15J/30J P1 : Specification Sheet

Key Features

- Flexible output options
- CANbus, 4~20mA output
- Addressable or stand alone
- Hyperterminal communications RS232 line data and set up with 232 adapter
- Data logging
- Optional alarm relays
- Backlit alpha numeric full status display (*optional*)
- Robust and weatherproof



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

Technical Specification

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
Logging:	Addressable sensors only Intervals - variable time Roll over/stop Storage - 2,880 readings
Temperature:	-15°C to 55°C
Humidity:	Pellistor-catalytic 0 - 99% RH non condensing Electrochemical 5 - 95% RH non condensing Infrared 0 - 95% RH non condensing
Display (optional):	2-line alpha numeric backlit status display – gas type, concentration units, alarm levels, alarm status – low/high/overrange/sensor ID

Junction Box – Continued

Entries:	Rear 5-20mm knock outs Sides, Top, Bottom - 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) 4.5mm
EU Design Number:	359723-0001

DETECTOR HEAD

Type:	P1 Safe area use
Ingress Protection:	IP63, + Universal fitting IP65
Material:	ABS - black
Sensor Inserts:	4 series Electrochemical, Infra Red Semiconductor, Pellistor - Catalytic, PID
Accessories	Collector Cone + Universal Fitting Universal Fitting Flow Block Duct Mount Kit Detector Head Weather Shield

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:	380gms