



ACC-EN/SIL

Analogue Multi-Sensor

Features

- ▶ SIL Level 2 approved
- ▶ Ideal for use in oil and gas environments
- ▶ User selectable modes
- ▶ Incorporates Optical & Heat elements
- ▶ Removable, High Performance Chamber
- ▶ Pulsing/non-pulsing controlled from panel
- ▶ Twin LEDs allow 360° viewing – green when polling, amber when isolating, red in fire
- ▶ Variable sensitivity
- ▶ Electronically Addressed

Description

Model ACC-EN/SIL is a Multi-Sensor, which has been independently assessed and approved for use in a SIL2, low demand safety function with regards to random failure rates.

The ACC-EN/SIL has three modes, which are controlled from the Control Panel, allowing either the optical element or thermal element or both elements to be active in making the fire decision. The sensor polling LEDs can be controlled via the Control Panel (pulsing/non-pulsing). The ACC-EN/SIL smoke chamber can easily be removed or replaced for easy maintenance.

Specification	
Operating Voltage	17 – 41 VDC
Low Power Mode (typ)	120 µA
Quiescent Current (typ)	400 µA
Alarm Current (controlled by CIE)	9.1 mA (excluding remote indicator)
Transmission Method	Digital Communications Using ESP
Operating Temperature Range	-10 °C to + 50 °C
Operating Humidity	95% RH - Non Condensing (at 40 °C)
Storage Temperature Range	-30 °C to +60 °C
Storage Humidity	<80% RH at 60 °C
Colour / Case Material	Ivory or White / Polycarbonate
Weight (g)	95
Diameter (mm) / Height (mm)	100 / 45
Base Fixing Centres (mm)	48 ~ 74
Compatible Bases	YBO-BS, YBO-BSB2, YBN-R/3(SCI)

*Control Panel compatibility required

Ordering Codes

Product

Analogue Multi-Sensor

Analogue Multi-Sensor (White Case)

Part Number

ACC-EN/SIL

ACC-EN(WHT)/SIL

