



DCD-1E-IS/SIL

Intrinsically Safe Conventional Rate of Rise Heat Detector

Features

- ▶ SIL Level 2 approved
- ▶ Ideal for use in oil and gas environments
- ▶ Twin fire LEDs allow 360° viewing
- ▶ Electronics free mounting base
- ▶ Remote indicator output
- ▶ ATEX Classification to: II 1G EEx ia IIC T5 Tamb=55°C
- ▶ Suitable for installation in areas at Category 1 (inc all lower categories)
- ▶ Approved by LPCB and GL



Description

The DCD-1E-IS/SIL is an Intrinsically Safe Conventional Rate of Rise Heat Detector with a 60° fixed temperature element designed for use in hazardous areas. Which has been independently assessed and approved for use in a SIL2, low demand safety function with regards to random failure rates.

The unit also features a remote indicator output.

Specification

Operating Voltage	15 – 30 VDC
Quiescent Current (typ)	50 µA
Maximum Current In Alarm	50 mA
Operating Temperature Range	-10 °C to + 50 °C
Storage Temperature Range	-30 °C to + 70 °C
Maximum Humidity	95% RH - Non Condensing (at 40 °C)
Ingress Protection Rating	IP63
Colour / Case Material	Ivory / ABS
Compatible Base / Base Height (mm)	YBN-R/4(IS) / 8
Weight (g) / Diameter (mm) / Height (mm)	97 / 100 / 40
Compatible Base / Height (mm)	YBN-R/4(IS) / 8
Fixing Centres (mm)	48 ~ 74
Approvals	LPCB, Germanischer Lloyd & ATEX – BAS01ATEX1281X

Ordering Codes

Product

Intrinsically Safe Conventional Photoelectric Smoke Detector

Part Number

SLR-E-IS/SIL