



SLR-E-IS/SIL

Intrinsically Safe Conventional Photoelectric Smoke Detector

Features

- ▶ SIL Level 2 approved
- ▶ Ideal for use in oil and gas environments
- ▶ Removable, High Performance chamber
- ▶ Twin fire LEDs allow 360° viewing
- ▶ Supported by a range of barriers
- ▶ 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 & VdS



Description

Model SLR-E-IS is a Optical Smoke Detector which has been independently assessed and approved for use in a SIL2, low demand safety function with regards to random failure rates.

The detector incorporates Hochiki's unique High Performance Chamber Technology removing the need to use Ionisation detectors in the majority of applications.

The integral High Performance Smoke Chamber enables the detector's threshold level to be increased, thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

Specification

Operating Voltage	15 – 30 VDC
Quiescent Current (typ)	50 µA
Maximum Current In Alarm	40 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	IP42
Colour / Case Material	White / ABS
Compatible Base / Base Height (mm)	YBN-R/4(IS) / 8
Base 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



For further information visit www.hochikieurope.com/silapproved

Hochiki Europe (UK) Ltd. reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Hochiki Europe (UK) Ltd. to be a complete and up-to-date description.