

SLR-E-IS(WHT)

Detector convencional de humos intrínsecamente seguro.

General

The SLR-E-IS is a WHITE photoelectric smoke detector designed for use in hazardous areas. It incorporates a remote indicator output and a removable chamber for easy maintenance.

Each detector incorporates a unique high performance chamber technology removing the need to use ionisation detectors in the majority of applications. This high performance chamber has also enabled the detector threshold level to be increased, thereby improving the signal to noise ratio and reducing susceptibility to false alarms.

Hazardous Area Classification

ATEX II 1G

II - Equipment group (Non-Mining)

1 - Equipment category (for Zone 0 or 20)

G - Type of explosive atmosphere (Gas, Vapours and Mist)

Cenelec EEx ia IIC T5 Tamb = 55°C

E - Conformity with European standard

Ex - Explosion protection symbol

ia - Protection concept (Intrinsically Safe)

IIC - Apparatus Group (Gas)

T5 - Temperature classification (100°C)

Tamb - Maximum ambient temperature (55°C)

BASEEFA Certificate number

ATEX - BAS01ATEX1281



Details

- Removable, high performance chamber
- Twin fire LEDs allow 360° viewing
- Remote indicator output
- ATEX Classification to II 1G EEx ia IIC T5 Tamb=55°C
- Suitable for installation in areas at Category 1 (including all lower categories)
- Approved by LPCB, VdS and GL

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Technical specifications

General

Indicación de estado	LED
User interface	LEDs
Compatibilidad	Aritech, Kilsen & Ziton conventional zone interfaces
Conectividad	2-wire zone

Electrical

Tipo de fuente de alimentación	Zone powered
Voltaje de funcionamiento	15 to 30 VDC
Consumo de corriente	50 μ A (quiescent) <50 mA (alarm)

Detection

Principio de detección	Optical light scatter
Monitoring	Open circuit, Short circuit
Longitud de la zona	Zone configuration dependent

Physical

Dimensiones físicas	100 x 38 mm (\varnothing x H)
Peso neto	115 g
Color	Blanco
Tipo de Montaje	Base mount, Montaje en el techo
Material	ABS
Marcado funcional	BASEEFA Rating

Environmental

Antivandálico	No
Temperatura de funcionamiento	-10 to +50°C
Temperatura de almacenamiento	-30 to +70°C
Humedad relativa	<95% noncondensing @ 40°C
Entorno	Interior, IS
Clasificación de ambiente peligroso	II 1G EEx ia IIC T5 Tamb=55°C
Clasificación IP	IP42

Standards & regulation

Cumplimiento	CE, REACH, RoHS 2
Certificación	CENELEC/ATEX, VdS
Standards & regulation	LPCB, Germanischer Lloyd



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