

DATASHEET

SOC-E-IS(WHT)

Intrinsically safe conventional smoke detector

MAIN FEATURES

- Intrinsically safe conventional smoke detector



TECHNICAL SPECIFICATIONS

Power supply

Power supply type	Zone powered
Operating voltage	12 to 30 VDC
Current consumption	35 µA (quiescent)<40 mA (alarm)120 µA (sensitivity warning)<20 mA (remote indicator)

Physical characteristics

Physical dimensions	100 x 48 mm (Ø x H)
Net weight	106 g
Colour	White
Mounting type	Base mount, Ceiling mount
Material (body)	ABS

Environmental characteristics

Operating temperature	-10 to +50°C
Storage temperature	-30 to +60°C
Relative humidity	<95% noncondensing @ 40°C
Environment	Indoor, IS
Hazardous environment rating	Ex ia IIC T5 Ga (-20°C ≤ Ta ≤ +55°C)
IP rating	IP42

Other characteristics

Status indication	LED
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TECHNICAL SPECIFICATIONS

Compatibility

Aritech, Kilsen & Ziton conventional zone interfaces using the YBN-R/4(IS) base

Connectivity

2-wire zone

Detection principle

Optical light scatter

Functional marking

BASEEFA Rating

Vandal proof

No

Compliance

CE, REACH, RoHS 2

Certification

CENELEC/ATEX, LPCB, VdS

Standards

EN54:7IECEX BAS 19.0122X