48RFX000

ATEX OPTICAL SMOKE DETECTOR

Optical smoke detector with built-in safety and Tyndall effect operating principle. Designed for installation in premises with an explosive atmosphere (Zone 0, Zone 1, Zone 2). Pairs with barrier 48BAZ000. Approved and conforms to standards CE 0081 II 1 G Eex ia IIC T6/LCIE 03 ATEX 6350 X and approved to standard EN54-7.

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MAIN FEATURES	
Type of detection point	Optical smoke detector
LED indicators	1
EN regulations	EN54-7

HARDWARE SPECIFICATIONS	
IP protection rating	IP32
Type of finishing materials	ABS ATEX
Product color	White
Operating temperature (°C)	-20 ÷ 55
Operating humidity (RH max @40°C) (%)	0 ÷ 96
Storage temperature (°C)	10 ÷ 50
Cross-section for terminals (mm)	0.5 ÷ 2.5
Height base included (mm)	55
Product weight (g)	130

ELECTRICAL SPECIFICATIONS	
Power supply	10 ÷ 28 VDC
Rated absorption (stand-by)	<150µA@20VDC
Consumption in alarm status	24 ± 2

GENERAL DATA	
Width (mm)	104
Operating humidity (RH max) (%)	10 ÷ 93
Storage humidity (RH non condensing) (%)	10 ÷ 85

The technical specifications are subject to change without prior notice.