



48BFC000

LINEAR SMOKE DETECTOR 3 30 M



48BFC000 is an optical beam detector which provides protection over distances ranging from 3 m to 30 m and up to 15 m wide. Equipped with an integral laser and a set of passive reflectors, it is ideal for use in areas where the installation of standard point smoke detectors would be too problematic or impossible. The integral laser allows simple auto-alignment without the need for any special instruments or equipment. Also equipped with two changeover relay contacts for alarm and fault signalling. Approved to EN 54-12.



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MAIN FEATURES

Built-in laser pointer	Yes
LED indicators	1
Optical range (m)	3 ÷ 30
Protected area dimensions	1600 m2 (standards EN54-14)
Polarity inversion protection	Yes
EN regulations	EN54-12

HARDWARE SPECIFICATIONS

IP protection rating	IP41
Type of finishing materials	ABS
Product color	White
Product weight (g)	700
Operating temperature (°C)	-10 ÷ 55
Operating humidity (RH max @40°C) (%)	0 ÷ 96
Height (mm)	115
Width (mm)	115
Wavelength (nm)	940
Depth (mm)	78
Max. angular misalignment of the optical part (±, °) (°)	0.35
Max. angular misalignment of the reflector (±, °) (°)	5
Max. angular movement of the optical part (±, °) (°)	1.8
Cross-section for terminals (mm)	0.5 ÷ 1.5

ELECTRICAL SPECIFICATIONS

Power supply	13÷28
Stand-by current (@24VDC - mA)	2,8



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ELECTRICAL SPECIFICATIONS

Current in alarm status (@24VDC - mA)	12
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GENERAL DATA

Main power supply	13÷28
Distance (m)	3 ÷ 30
Fault threshold (%)	92