41RFU100

ADDRESSABLE OPTICAL SMOKE DETECTOR



The LOGIFIRE series 41RFU100 detector is an optical Tyndall-effect smoke detector with a built-in isolator. The digital signal processing algorithms make it particularly sensitive to detecting smoke, even in the early stages of a fire breaking out. Microprocessor-controlled digital signal analysis. Contamination level auto-compensation and maintenance indication. Programmable sensitivity across three levels. Quick cleaning of the sensor chamber thanks to the intuitive disconnection of the components. Evolved design suitable for any type of installation, even in the most aesthetically demanding situations. High-visibility light indications. Automatic addressing or with programmer. Approved to EN 54-7 and EN 54-17.

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MAIN FEATURES	
Model	Optical smoke detector, LOGIFIRE series
Backwards compatible with ATENA series control panels	Yes
Sensitivity level settings	High/Normal/Medium/Low
LED indicators	2, visibility 360°
Isolator	Yes
Settling time on power-up (s) (secs)	30
EN regulations	EN54-7, EN54-17

HARDWARE SPECIFICATIONS	
IP protection rating	IP30
Type of finishing materials	ABS
Product color	White RAL9016
Compatible base	41RBX020
Operating temperature (°C)	-10 ÷ 60
Operating humidity (RH max @40°C) (%)	0 ÷ 96
Cross-section for terminals (mm)	0.4 ÷ 2.5
Height base included (mm)	41
Product weight (g)	125

ELECTRICAL SPECIFICATIONS	
Power supply	16 - 32VDC (Nom. 27VDC)
Consumption during communication	<310uA@27VDC
Rated absorption (stand-by)	<190µA@27VDC
Consumption in alarm status	6.5mA
Output in alarm status for remote indication	7.5mA@7.5VDC

GENERAL DATA

The technical specifications are subject to change without prior notice.

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Width (mm)	108

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