41RFU100B

ADDRESSABLE OPTICAL SMOKE DETECTOR, BLACK



The 41RFU100B detector from the LOGIFIRE series is an optical smoke detector using the Tyndall effect with an integrated isolator. The digital signal processing algorithms enable particularly sensitive smoke detection, even in the early stages of fire development. Digital signal analysis with microprocessor. Self-compensation of contamination level and maintenance notification. Programmable sensitivity with three different levels. Quick cleaning of the sensor chamber thanks to the intuitive release of components. Redesigned appearance suitable for any type of installation, even the most demanding from an aesthetic point of view. Black color. High-visibility light indicators. Automatic addressing mode or with programmer. Certified according to EN 54-7 and EN 54-17.

41RFU100B

ADDRESSABLE OPTICAL SMOKE DETECTOR, BLACK

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	Black RAL9005
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.

41RFU100B

ADDRESSABLE OPTICAL SMOKE DETECTOR, BLACK

Width (mm)	108

The technical specifications are subject to change without prior notice.