

Addressable Optical-Smoke Fire Detector FD7130



AVAILABLE 2000 RAL
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Technical data

The fire detector operates with an improved algorithm for self-compensation of the optical chamber contamination, signaling the necessity for dusting the chamber. The optical smoke chamber is easy to disassemble and clean without additional tools.

The construction of the optic chamber and the technology used in the manufacturing of the screen provides high level protection against entering dust particles and insects and working under strong air flow.

Operation:

– Distraction of light, (The Tindal effect)
microprocessor controlled

Supply voltage:

– (15-30)VDC

Terminals:

– For wires with cross section (0.5-2.5)mm²

Degree of protection: IP 43

Operation temperature: Minus 10°C to 55°C

Relative humidity: (93±3) % at 40°C

Sensitivity: In accordance with EN54-7

Mounting: Using base type 7100

Dimensions (base included): Ø100, h 47 mm

Casing material: ABS plastics, white

Weight (base included): 0.100 kg

Protected area: Circle with diameter 15m, h 11m

Optical Smoke Fire Detector FD8030



The optical smoke fire detector provides reliable early warning of a fire condition responding to fixed threshold smoke concentration detected in the protected premises.

The smoke sensitivity is factory preset in accordance with European Standard EN54-7.

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Technical data

The optical smoke fire detector is controlled by a microprocessor. FD8030 operates with an improved algorithm for self-compensation of the optic chamber contamination, signaling the necessity for dusting the chamber. It is done quickly due to the easy dismantling and assembling of the body cover.

The construction of the optic chamber and the new technology used in the manufacturing of the screen provides high level protection against entering dust particles and insect and working under strong air flow.

Supply voltage:

– (10-30) VDC

Duty mode current:

– 120 μ A / 22,5 Vdc

Fire condition current:

– with base type 8000 or 8000D: (8-25) mA
– with base type 8000R, 8000DR: (18-55) mA

Terminals:

– For wires with cross section (0.5-2.5) mm²
– Degree of protection: IP 43

Operation temperature: -10 °C to +55 °C

Relative humidity: (93 \pm 3) % at 40 °C

Sensitivity: In accordance with EN54-7

Mounting: Using bases of series 8000

Dimensions (base included): \varnothing 100, h 47 mm

Casing material: ABS plastics, white

Weight (base included): 0.100 kg

Protected area: Circle with diameter 15m, h 11m