

SensoMAG S30

Optical-Smoke Fire Alarm Detector

EN54-7

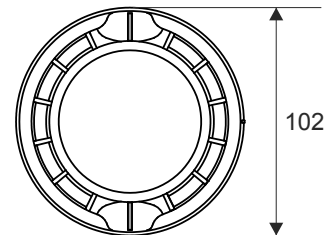
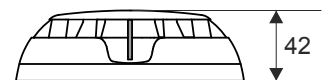
Description

SensoMAG S30 is an optical-smoke detector with digital processing algorithm. The detector is designed to detect smoke in the very early stage of the fire situation. SensoMAG S30 is suitable for installing in any conventional fire alarm system designed with fire alarm panel with fire alarm threshold between 10mA and 15mA.



Technical and Environmental Specifications

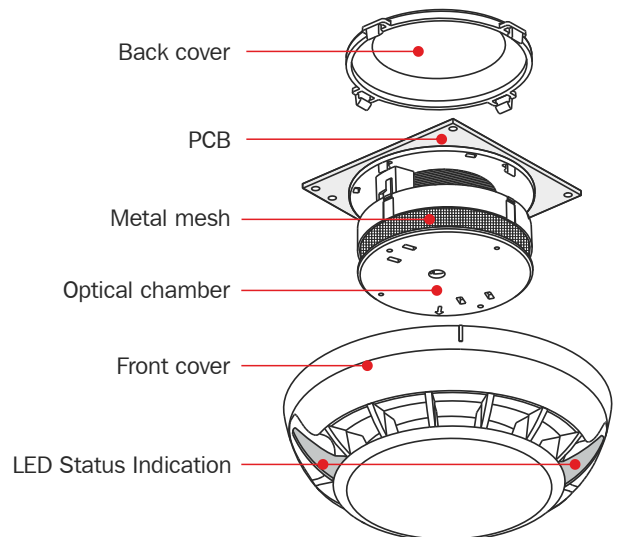
Operating Voltage Range 9 - 30 V DC (Nom. 12/24VDC)
 Average current consumption in quiescent state . . < 50μA
 Alarm state current:
 - with base type B24 and B24D 20 mA / 12 30V
 - with base type B24RD. 33 mA / 12V; 49mA/24V; 57mA/30V
 - with base type B12 18 mA / 9V; 29mA/12V; 32mA/15V
 Protected area (in accordance with EN54-7) . . . up to 120m²
 Installation height (in accordance with EN54-7) . . up to 16m
 Output in alarm state at terminal RI 20mA (max)/ -3.3V
 (Towards terminals +IN /+OUT)
 Degree of protection IP30
 Wire Gauge for terminals 0.4mm² 2.0mm²
 Operational temperature range -10°C +60°C
 Relative humidity resistance (93 ± 3)% @ 40°C
 Dimensions (incl. base) ø102mm, h 42mm
 Weight (incl. base) 160g



1293-CPD-0119

Application

SensoMAG S30 is a high sensitive optical smoke detector. It is suitable for applications where early detection of smoke or fire is with great importance, for example office buildings, supermarkets, schools, etc.



Contact Information:

SensoMAG S30

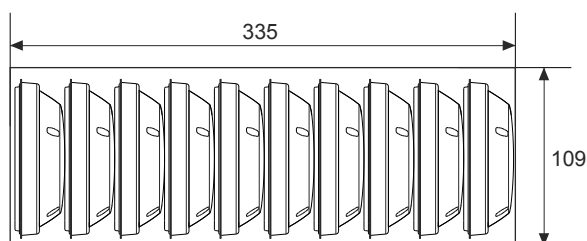
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Packing Information

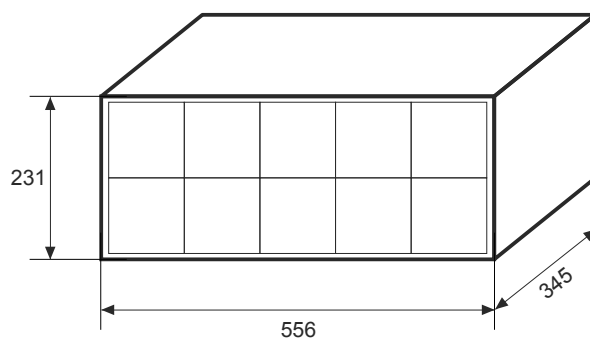
• **Master box** - 10 units SensoMAG S30, no bases included, dimensions 335 x 109 x 109 mm.

All detectors are protected with a plastic cap.



• **Carton box** - 100 units SensoMAG S30, (10 master boxes), no bases included, dimensions 556 x 345 x 231 mm.

All detectors are protected with a plastic cap.



Compatible Product Range

- **MAG2M, MAG2P** - Conventional Fire Alarm Panel, 2 fixed zones
- **MAG4M, MAG4P** - Conventional Fire Alarm Panel, 4 fixed zones
- **MAG8** - Conventional Fire Alarm Panel, 8 fixed zones
- **MAG8plus** - Conventional Fire Alarm Panel, 8 fixed zones, expandable to 16
- **SensoMAG FRL-1** - Remote Fire Indicator
- **SensoMAG B24** - Standard Base
- **SensoMAG B24D** - Standard Base with Schottky diode
- **SensoMAG B24RD** - Standard Base with Schottky diode and increased alarm state current
- **SensoMAG B12** - Base with relay output, 12V
- **Gasket ring** - Rubber gasket ring for extra protection of the smoke chamber
- **Deep Base** - Accessory for mounting on rough surfaces, outdoor pipelines, etc.

Contact Information: