

SensoFOT S30 Optical-Smoke Fire Alarm Detector

EN54-7

Description

SensoFOT 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. SensoFOT S30 is suitable for installing in any conventional fire alarm system designed with fire alarm panel with fire alarm threshold between 10mA and 15mA.



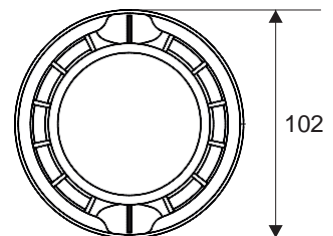
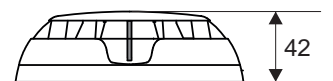
Technical and Environmental Specifications

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 B12L/U 18 mA / 9V; 29mA/12V; 32mA/15V
 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

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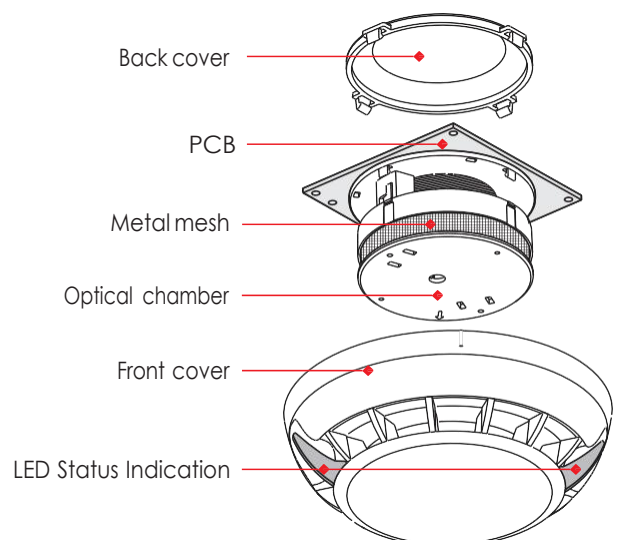
DoP No: 050

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Application

SensoFOT 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.

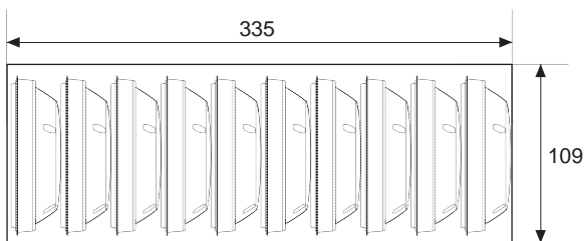


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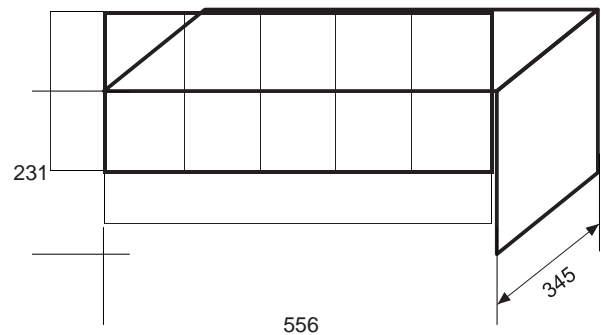
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Packing Information

• **Master box** - 10 units SensoMAG S30, no bases included, dimensions 335x109x109 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

- **MAG2, MAG2P** - Conventional Fire Alarm Panel, 2 fixed zones
- **MAG4, 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
- **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 B12L/U** - 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.