

SensoFOT F10B

Temperature Fire Alarm Detector

EN54-5

Description

SensoFOT F10B is a fixed temperature detector with digital processing algorithm. The detector is designed to detect temperatures above 75°C (class BS, according EN54-5).

SensoFOT F10B 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

Class (in accordance with EN54-5) BS

Output in alarm state at terminal RI 20mA (max)/ -3.3V
(Towards terminals +IN /+OUT)

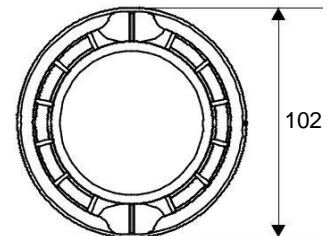
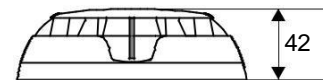
Degree of protection IP30

Wire Gauge for terminals 0.4mm ÷ 2.0mm

Operational temperature range -10°C ÷ +60°C

Relative humidity resistance (93 ± 3)% @ 40°C

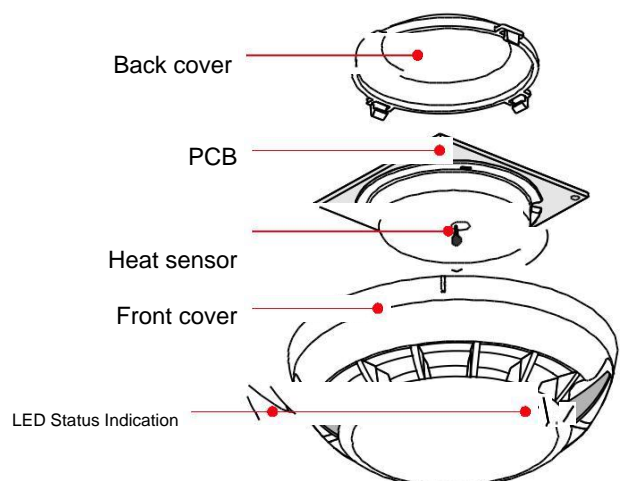
Dimensions (incl. base) ø102mm, h 42mm



Application

SensoFOT F10B is suitable for environments, where sudden large temperature changes are considered as normal, rooms with high concentration of vaporous, exhaust gases, dust, etc.

For example: kitchens, garages, boiler rooms or other places where it is not convenient to install fire alarm optical smoke detectors.



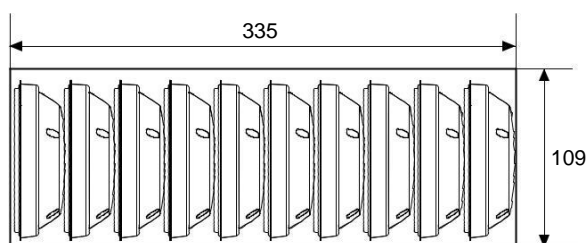
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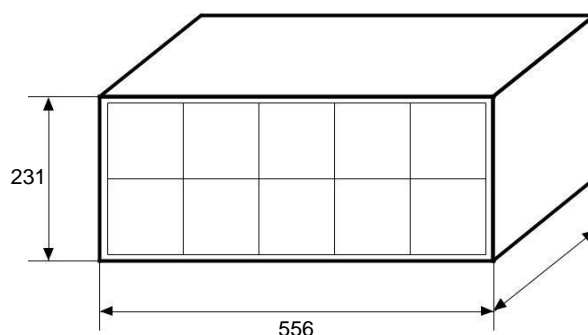
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Packing Information

•Master box - 10 units SensoFOT F10B, no bases included, dimensions 335 x 109 x 109 mm.
All detectors are protected with a plastic cap.



•Carton box - 100 units SensoFOT F10B (10 master boxes), no bases included, dimensions 556 x 345 x 231 mm.
All detectors are protected with a plastic cap.



Compatible Product Range

- FOT2, FOT2P - Conventional Fire Alarm Panel, 2 fixed zones
- FOT4, FOT4P - Conventional Fire Alarm Panel, 4 fixed zones
- FOT8 - Conventional Fire Alarm Panel, 8 fixed zones
- FOT8Plus - Conventional Fire Alarm Panel, 8 fixed zones, expandable to 16
- SensoFOT FRL-1 - Remote Fire Indicator
- SensoFOT B24 - Standard Base
- SensoFOT B24D - Standard Base with Schottky diode
- SensoFOT B24RD - Standard Base with Schottky diode and increased alarm state current
- SensoFOT B12L/U - Base with relay output, 12V
- Deep Base - Accessory for mounting on rough surfaces, outdoor pipelines, etc.