

## SensoFOT F10

### Temperature Fire Alarm Detector

EN54-5

#### Description

SensoFOT F10 is a fixed temperature detector with digital processing algorithm. The detector is designed to detect temperatures above 60°C (class A2S, according EN54-5).

SensoFOT F10 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

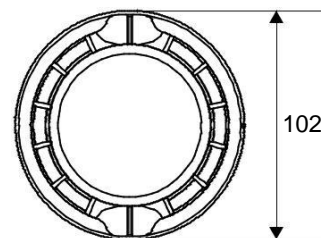
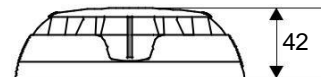
- Operating Voltage Range . . . . . 9 - 30 V DC (Nom. 12/24VDC) Average current consumption in quiescent state. < 50µA
- Alarm state current:
  - with base type B24 and B24D . . . . . 20 mA / 12÷30V
  - with base type B24RD . . . . . 33 mA / 12V; 49mA/24V; 57mA/30V
  - with base type B12L/U . . . . . 18 mA / 9V; 29mA/12V; 32mA/15V
- Class (in accordance with EN54-5) . . . . . A2/S
- 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

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DoP No: 052

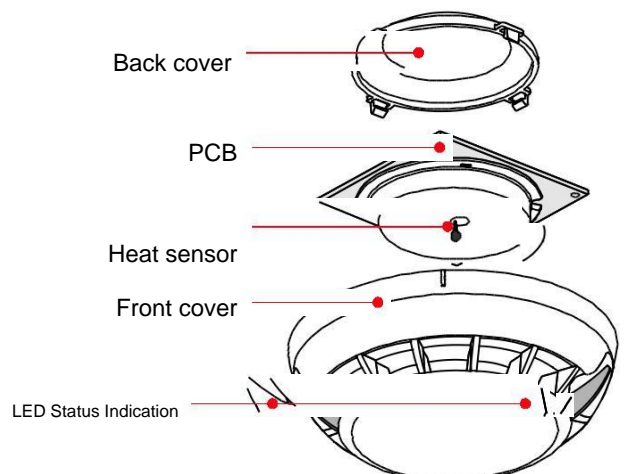
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#### Application

SensoFOT F10 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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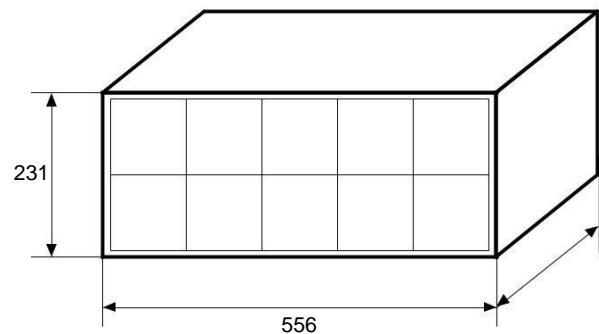
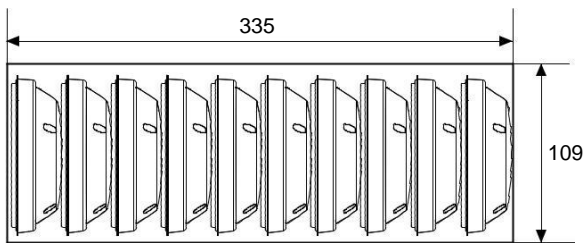
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### Temperature Fire Alarm Detector

#### Packing Information

•Master box - 10 units SensoFOT F10, no bases included dimensions 335 x 109 x 109 mm.  
All detectors are protected with a plastic cap.

•Carton box - 100 units SensoFOT F10 (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
- 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.

#### Contact Information:

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