

SensoMAG F10

Temperature Fire Alarm Detector

EN54-5

Description

SensoMAG 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).

SensoMAG F10 is suitable for installing in any conventional fire alarm system designed with fire alarm panel with fire alarm threshold between 10mA and 15mA.



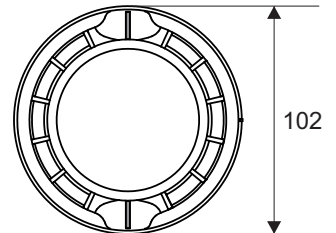
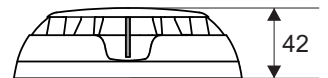
Technical and Environmental Specifications

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 ÷ 2.0mm ²
Operational temperature range	-10°C ÷ +60°C
Relative humidity resistance	(93 ± 3)% @ 40°C
Dimensions (incl. base)	ø102mm, h 42mm
Weight (incl. base)	160g



DoP No: 090

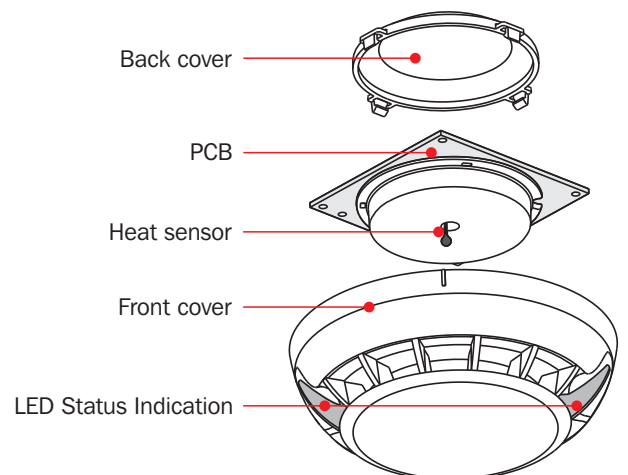
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Application

SensoMAG 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.



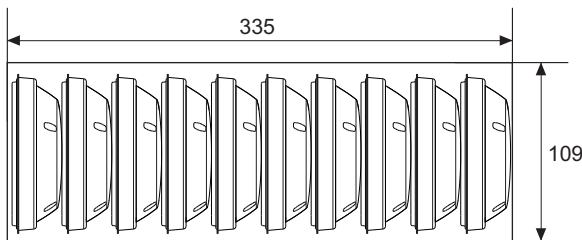
SensoMAG F10

Temperature Fire Alarm Detector

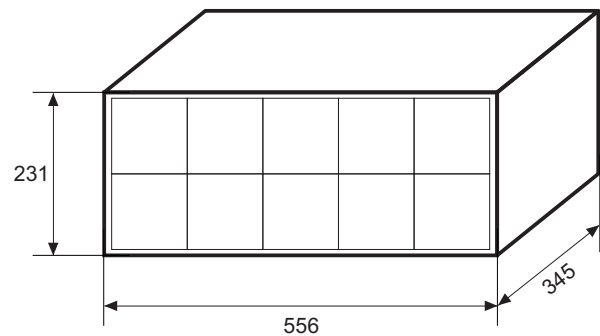
EN54-5

Packing Information

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



• **Carton box** - 100 units SensoMAG 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

- **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
- **DeepBase W** - Deep Base for mounting on rough surfaces, outdoor pipelines, etc.

SensoMAG F10B

Temperature Fire Alarm Detector

EN54-5

Description

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

SensoMAG F10B is suitable for installing in any conventional fire alarm system designed with fire alarm panel with fire alarm threshold between 10mA and 15mA.

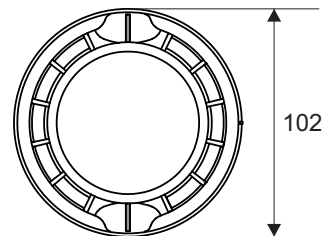
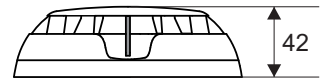


DoP No: 090

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Technical and Environmental Specifications

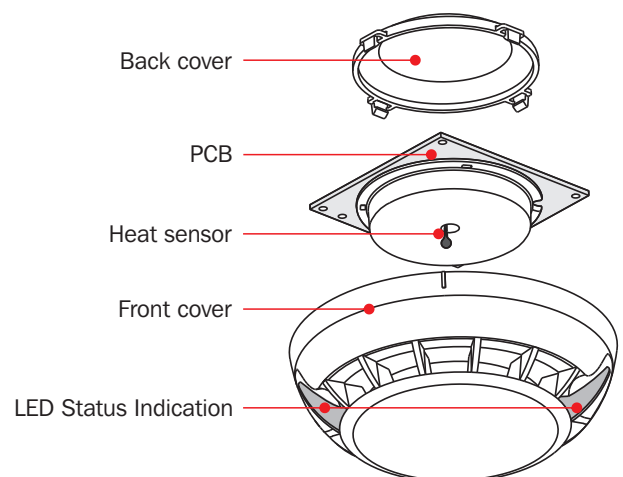
Operating Voltage Range	9 - 30 V DC (Nom. 12/24VDC)
Average current consumption in quiescent state . . .	< 50µA
Alarm state current:	
- with base type B24 and B24D	20 mA / 12÷30V
- with base type B24RD	33 mA / 12V; 49mA/24V; 57mA/30V
- with base type B12L/U	18 mA / 9V; 29mA/12V; 32mA/15V
Class (in accordance with EN54-5)	B/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 ÷ 2.0mm ²
Operational temperature range	-10°C ÷ +60°C
Relative humidity resistance	(93 ± 3)% @ 40°C
Dimensions (incl. base)	ø102mm, h 42mm
Weight (incl. base)	160g



Application

SensoMAG 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.



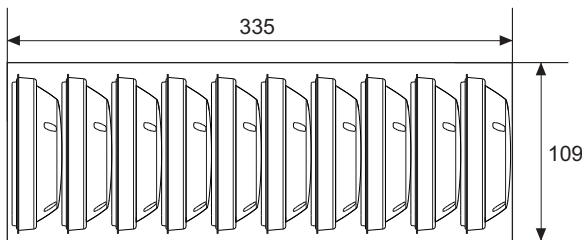
SensoMAG F10B

Temperature Fire Alarm Detector

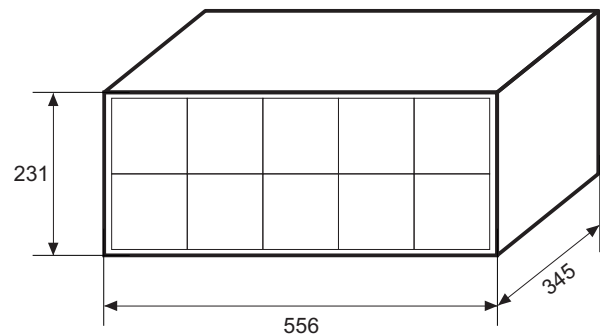
EN54-5

Packing Information

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



• **Carton box** - 100 units SensoMAG 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

- **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
- **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 B12L/U** - Base with relay output, 12V
- **DeepBase W** - Deep base accessory for mounting on rough surfaces, outdoor pipelines, etc.

SensoMAG R20

Rate-of-rise Temperature Fire Alarm Detector

EN54-5

Description

SensoMAG R20 is a rate-of-rise temperature detector with digital processing algorithm. The detector is designed to detect temperatures above 58°C (class A1R, according EN54-5).

SensoMAG R20 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) A1R

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

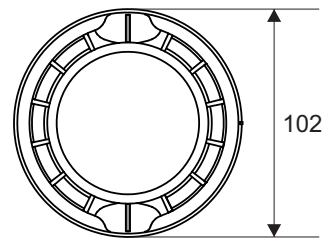
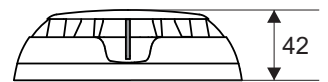
Dimensions (incl. base) ø102mm, h 42mm

Weight (incl. base) 160g



DoP No: 051

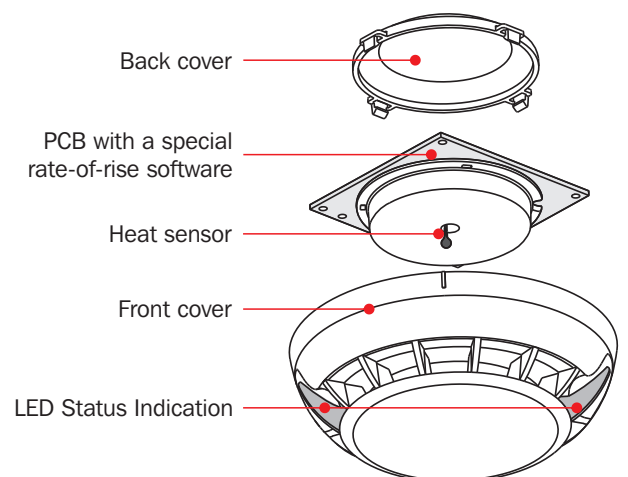
1293-CPR-0639



Application

SensoMAG R20 is suitable for applications for locations in which different ambient temperatures occur (e.g. mechanical workshops, tool rooms, etc.).

The innovative design makes it particularly suitable anywhere where dust, dirt (e.g. sawmills) or high humidity (e.g. wet cells) could affect the operation of traditional detectors.



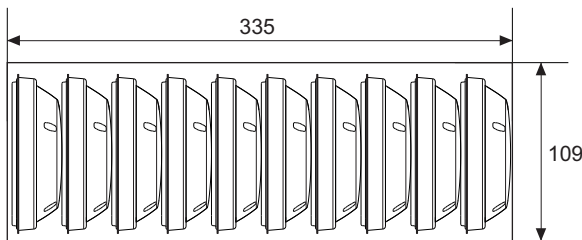
SensoMAG R20

Rate-of-rise Temperature Fire Alarm Detector

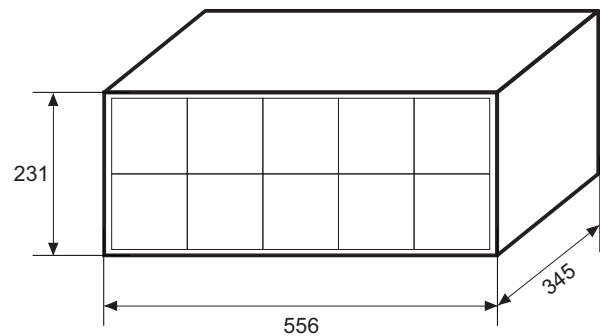
EN54-5

Packing Information

• **Master box** - 10 units SensoMAG R20, no bases included, dimensions 335 x 109 x 109 mm.
All detectors are protected with a plastic cap.



• **Carton box** - 100 units SensoMAG R20 (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
- **Deep Base** - Accessory for mounting on rough surfaces, outdoor pipelines, etc.

SensoIRIS T110

Temperature Fire Alarm Detector

EN54-5

Description

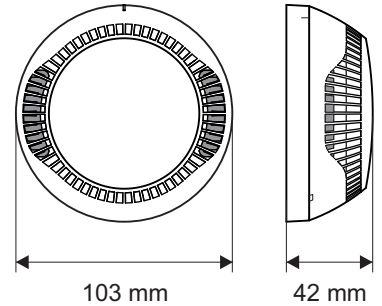
SensoIRIS T110 is an addressable temperature detector designed for installing in addressable fire alarm systems supporting TTE communication protocol. The detector is powered on from the panel and can be controlled via the communication protocol.



Technical and Environmental Specifications

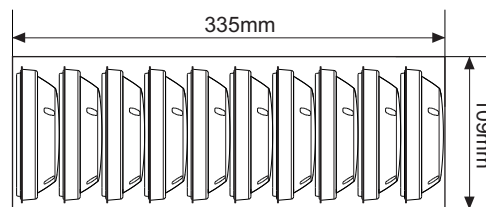
Operating Voltage Range 15 - 32VDC (Nom. 27VDC)
 Consumption in quiescent state, no communication . . . < 130μA@27VDC
 Consumption in quiescent state, with communication . . < 180μA@27VDC
 Consumption in alarm state, with communication 6.5mA
 Class, selectable from control panel A1R, A2S, BS
 Output in alarm state at terminal RI (terminals 4/ 1) . . 7.5 mA (max)/ 7.5V
 Wire Gauge for terminals 0.4mm² - 2.0mm²
 Operating temperature -10°C to +60°C
 Relative humidity resistance (93 ± 3)% @ 40°C
 Protection. IP30
 Weight (including base) ~110g
 Dimensions (including base) 103x42mm

CE 15
 1293
 DoP No: 025
 1293-CPR-0454
 Tested by EVPU



Packing Information

• **Master box** - 10 units SensoIRIS T110, dimensions 335 x 109 x 109 mm, without base.
 All detectors are protected with a plastic cap.



Compatible Product Range

- **IRIS** - Addressable Fire Panel, 4 loops, 96 Zones
- **IRIS PRO** - Addressable Fire Panel, metal box, 4 loops, 96 Zones
- **SIMPO** - Addressable Fire Panel, 2 loops, 48 Zones
- **SensoIRIS FRL-1** - Remote Fire Indicator
- **SensoIRIS B124** - Standard Base
- **SensoIRIS BSOU** - Addressable base with built-in sounder
- **SensoIRIS BSST** - Addressable base with built-in sounder and strobe
- **DeepBase W** - Deep base accessory, white, for mounting on rough surfaces, outdoor pipelines, etc.
- **SensoIRIS Programmer** - Address Programming Tool

SensoIRIS T110 IS

Adresseerbare warmtedetector

EN54-5/ 17

Omschrijving

De SensoIRIS T110 IS is een adresseerbare warmtedetector met ingebouwde dubbele isolator. Deze detector is ontworpen op een adresseerbare brandmeldcentrale met het TTE communicatie protocol.

De detector is gevoed via de brandmeldcentrale en aangestuurd via het communicatieprotocol.



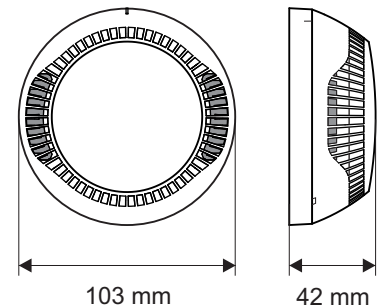
Technische specificaties

Voedingsspanning	16 - 32VDC (Nom. 27VDC)
Stroomverbruik in rust, zonder communicatie	< 170µA@27VDC
Stroomverbruik in rust, met communicatie	< 290µA@27VDC
Stroomverbruik in alarm, met communicatie	6.5mA
Klasse (instelbaar vanuit centrale)	A1/R, A2/S*, B/S*
Uitgang in alarm op klem RI (terminals 4/ 1)	7.5 mA (max)/ 7.5V
Sectie aders	0.4mm ² - 2.0mm ²
Omgevingstemperatuur	-10°C to +60°C
Maximale vochtigheid	(93 ± 3)% @ 40°C
Beschermingsgraad	IP30*
Gewicht (sokkel incl)	~110g
Afmetingen (sokkel incl)	103x42mm

* Niet getest door LPCB

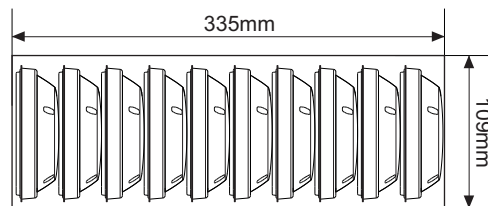


Tested by EVPNÜ



Verpakkingsinformatie

• **Masterdoos:** 10 stuks SensoIRIS T110 IS, afmetingen 335 x 109 x 109 mm, zonder sokkel. Alle detectoren hebben een beschermingskap in kunststof.



Compatibele producten

- **IRIS** - adresseerbare brandmeldcentrale, 4 lussen, 96 zones
- **IRIS PRO** - adresseerbare brandmeldcentrale, metalen kast, 4 lussen, 96 zones
- **SIMPO** - adresseerbare brandmeldcentrale, 2 lussen, 48 zones
- **SensoIRIS FRI-1** - Nevenindicator
- **SensoIRIS B124** - standaard sokkel
- **SensoIRIS BSOU** - adresseerbare brandmeldbasis met ingebouwde sirene
- **SensoIRIS BSST** - adresseerbare brandmeldbasis met ingebouwde sirene en flitser
- **DeepBase W** - Accessoire voor montage op ruwe oppervlakken, buitenleidingen, ed
- **SensoIRIS Programmer** - Programmatietoestel