



Part of Consilium Safety

Heat Detector FD7120M

This Heat Detector FD7120M is designed for early warning of a fire condition upon reaching a rate of rise of the temperature or fixed temperature threshold in the protected premises.

The temperature class is programmable via specialized data exchange protocol UniTALK. A built-in isolator for short circuit protection is provided in the detector.



Certified to EN54-5/17

FD7120M is fitted on base 7100.

Certification: 



Technical Features

Supply Voltage	(18-30)V DC
Current Consumption in Duty Mode	not more than 300 μ A
Current Consumption in Alarm Condition	(2 \pm 1) mA
Current in Alarm Condition from Output RI/KL	(2 \pm 1) mA
Time to Enter Duty Mode after Power Supply is ON	up to 30s
Reset Time	5s
Time to Enter Duty Mode after Reset	up to 40s
Status LED	<p>Duty Mode – both LEDs flash briefly every 12s</p> <p>Alarm Condition – both LEDs produce continuous light</p> <p>Fault Condition (activated isolator) – both LEDs flash briefly with 2Hz frequency</p> <p>Fault Condition (short circuit in the remote indicator output) – both LEDs flash briefly with 0.5Hz frequency</p>
Temperature Class	programmable P A2R or A2S (acc. EN54-5:2017 + A1:2018)
Protected Area	circle with diameter 10 m (acc. EN 54-14)
Height of Mounting	up to 8 m (acc. EN 54-14)
Operational Temperature Range	minus 10°C – plus 55°C
Relative Humidity Resistance	(93 \pm 3)% at 40°C
Dimensions, Base Included	Ø100 mm, h 47mm
Weight, Base Included	>0.100 kg
Type of the Connecting Line to the Base	two-wire, a single-core or multi-core insulated, shielded wire
Cross Section of the Connecting Wire	(0.8-1.5) mm ²

Compatible with the DB7100 Standard Addressable Base or the 7205 Sounder Base (includes base DB7100)

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