



Part of Consilium Safety

Multi-Sensor Detector FD7160M

This **Multi-Sensor Detector FD7160M** is designed for early warning of a fire condition responding to fixed threshold smoke concentration or rate of rise temperature or fixed temperature threshold detected in the protected premises.

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



Certified to EN54-5/7/17

FD7160M 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 10s
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 A2Ror A2S(according EN54-5:2017 + A1:2018)
Smoke Sensitivity	(complies with EN54-7:2018)
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 52mm
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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