

12 V Differential Heat Detector

Art.-Nr. RM1100

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The 12 V thermo-differential detector detects incipient fires. It reacts to a maximum temperature and a sudden rise in temperature. These indicators are reliably detected and reported to the alarm center. The 12 V thermo-differential detector is mounted on the ceiling in the center of the room. The minimum distance to the side wall should be 30 cm. Since the heat detector does not detect smoke (as opposed to optical smoke detectors), it is used mainly in places with high dust and smoke pollution (kitchens, smoke rooms, garages). The detector triggers an alarm when the maximum temperature of 57° C is exceeded or when the temperature rises more than 5° C within 3 minutes. By changing a jumper, you can configure it as NO or as NC detector. It is therefore suitable for every wired alarm system. The 12 V raise of heat detector is supplied externally with 10 -15V operating voltage and is EN54 certified.

Technologies

- Suitable for connecting to alarm and fire detection systems
- Detects temperature changes
- Usable in steamy rooms
- Potential-free alarm relay

Technical data - 12 V Differential Heat Detector

Certifications	EN 54-5
Compatible with	Secoris, Secvest, Terxon
Connections	Screw terminal NO or NC, 1A at 30V DC
DC voltage supply	10-15 V
Dimensions	(HxD) 46x100 mm
Height	46 mm
Housing material	ABS
Installation location	Ceiling
Max. humidity	95 %

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Technical data - 12 V Differential Heat Detector

Max. operating temperature	50 °C
Min. operating temperature	-10 °C
Net weight	0,142 kg
PSTI conformity required	No
Power consumption	50 mA
Sensor type	thermocouple: thermodifferential (3°/minute, max. Temp. 60°C)
Type of detection	Thermal
Width	100 mm