761199   ‖|‖|‖ ‖|‖|‖   Fixed temperature heat detector

The thermal fire detectors of type 27121 are worldwide considered as reliable and consi-stent fire detectors. These detectors combine the advantages of thermal-maximum and dif-ferential detectors.

Heated up slow, the type 27121 reacts as a maximum-detector and so can eliminate sources of false alarms like natural warming on summer mornings. Heating up fast, this detector alarms before the maximal alarm attains so that an early detection is possible.

This detector is suitable for applications in difficult environmental conditions (like dust, humidity), where the resistivity of normal thermal fire detectors is exceeded.

Features

- Self-restoring after alarm (no replacement of elements necessary)
- explosion-proof and vibration-proof
- various alarm temperatures possible
- contact is hermetically sealed (IP67)

Technical Data

Rated voltage	9V
Operating voltage	5 to 14V
Quiescent current	0
Type of protection	IP 64
Ambient temperature	-20°C to +90°C
Height to be monitored	max. 6m (as per VdS)
Area to be monitored	max. 30m^2 (as per VdS)
Alarm current (UN)	approx. 9mA
Display	red LED 5mm
Response temperature	approx. 71°C
Terminal box	die cast aluminium, 80mmx80mm, H = 57mm
Dimensions (L x W x H)	155 x 80 x 80mm
Cable entry	2 x PG 13.5
Weight	approx. 480g
Detector housing	stainless steel, ø = 16mm, H = 80mm

761201   ‖|‖ ‖|‖|‖   Temperaure heat detector / detector in Ex-housing

Technical characteristics as 761199, but in explosion-proof housing.

Technical Data

Housing	Aluminium die cast
Dimensions (L x W x H)	100 mm x 110 mm x 70 mm
Weight	ca. 0,4 kg
Type of protection	IP 65
Cable entry	2 x ¾ ''
Spectral sensitivity	0575 II 2 GD Eexd II C T6 IP
Approval	03ATEX0119