

PL 3200 T

Thermal detector

Dimensions, including the base
(Ø x height): 100 x 49.5 mm

VdS approval No: G 203 036

Order No: 30008



Technical features

- fire detection system with highest functionality
- highest operational reliability by intelligent evaluation of thermal sensor
- constant internal temperature measurement for displaying the temperature profile of the fire control system
- intermittent implementation of an authentic sensortest
- freely programmable detector sensitivity
- day and night status programmable with separate sensitivities
- date of last maintenance stored
- automatic addressing (soft-addressing)
- manual addressing via EasyCheck
- alarm output for triggering a detector indication
- mode for adapting to environmental conditions and automatic changeable sensitivity adaption (optional)
- graphic display of loop/stab topology, I-Check installation- and service software included
- combination of both temperature measurement principles- fixed and rate-of-rise
- temperature measurement by means of a fast, highly accurate sensor
- true environment temperature is available at the fire control panel ($\Delta \pm 0.5^\circ \text{C}$)

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Technical data		Downloads
detector specification	DIN EN 54-5	data sheet
classes	A1, A1S, A1R, B, BS, BR	
connecting mode	2-wire-bus	
addressing	126 elements per loop	
current supply	15 - 30 V DC via 2-wire-bus	
quiescent current	250 μA (constant up to 30 V)	
alarm current	5 mA	
signalising	red LED for alarm yellow LED for fault	
alarm output	10 mA	
triggering temperature	60 $^\circ \text{C}$	
humidity	max. 95 %RH/40 $^\circ \text{C}$	
air velocity	max. 20 m/s	
operating temperature	-10 $^\circ \text{C}$ to +70 $^\circ \text{C}$ max. 40 m^2	
protected area	(applicable regulation have to be observed)	
protection mode (EN 60 529)	IP 23	