

PL 3200 O

Optical smoke detector

Dimensions, including the base
(Ø x height): 100 x 44 mm

VdS approval No: G 202 003

Order No: 30009



Technical features

- fire detection system with highest functionality
- highest operational reliability by intelligent evaluation of measuring chamber signal
- 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
- fault monitoring for measure chamber signal and measuring chamber electronic
- mode for adapting to environmental conditions and automatic changeables sensitivity adaption (optional)
- graphic display of loop/stab topology, I-Check installation- and service software included
- the measuring chamber consists of a labyrinth for excluding the external light, an intermittent LED and a photodiode in the so-called 1st measuring channel
- automatic alarm step updating when contaminated

Technical data

detector specification	DIN EN 54-7
connecting mode	2-wire-bus
addressing	126 elements per loop
current supply	15 - 30 V DC via 2-Draht-Bus
quiescent current	250 μ A (constant up to 30 V)
alarm current	5 mA
signalising	red LED for alarm yellow LED for fault
alarm output	10 mA
response sensitivity	0,15 dB/m
humidity	max. 95 %RH/40 $^{\circ}$ C
air velocity	max. 20 m/s
operating temperature	-10 $^{\circ}$ C to +60 $^{\circ}$ C
protected area	120 m 2 (applicable regulations have to be observed)
protection mode (EN 60 529)	IP 43

Downloads

[data sheet](#)