

Optical Smoke and Heat Detector

PL 3200 OT

order number : 30007



Intelligent multisensor detector for loop 3000, 2 optical and 2 thermal sensors, according to DIN-EN 54-5/7:

- loop 3000 is a highly functional detection-system
- temperature measurement via highly sensitive sensor
- superior operational reliability from intelligent analysis of the thermo sensor and the optical measuring chamber signal
- maximum and rate of rise analysis with thermal sensor technology
- a second independent optical measuring channel
- a dedicated thermal-sensor provides a display of the detector temperature profile at the fire control panel
- real sensor-tests are carried out on a periodical basis
- detector-sensitivity is freely programmable
- different sensitivities are programmable for day and night periods
- a log of the last maintenance date is stored
- automatic addressing (soft-addressing)
- manual addressing (Easy Check)
- outputs for alarm and fault condition indication at the detector
- automatic fault monitoring of the measuring chamber electronics
- self learning mode in respect of environmental conditions
- recognition of the exact contamination-status
- automatic adjustment of the alarm sensitivity in case of contamination
- multicolour-LED for alarm (red) and fault (yellow)

technical data

sensitivity	< 0,15 dB/m, 60 °C or rate of rise, 5-speed-adjustable
operation temperature	-10 °C up to +60 °C
humidity	max. 90 % RH non-condensing
air speed	up to 20 m/sec
protection class	IP 40

errors and alterations excepted



detectomat

Optical Smoke and Heat Detector

PL 3200 OT

order number : 30007

technical data

colour housing	white, similar to RAL 9003
material	ABS
diameter	100 mm
DIN-EN	54-7, 54-5
further approvals	VdS G205052, S295054
dimensions	(H x Ø): 52 mm x 100 mm
weight	0,11 kg
operation voltage	15 up to 30 V loop powered
quiescent current	250 µA
alarm current	5 mA
output open collector	max. 10 mA for LED indicators or piezo base

errors and alterations excepted