



detectomat

## Heat Detector

PL 3300 T

order number : 30010



Intelligent thermal detector for loop 3000 with 2 thermal sensors and bidirectional isolator, according to DIN EN 54-5:

- loop 3000 is a highly functional detection-system
- addressable spur connection via T-branch
- superior operational reliability from intelligent analysis of the thermo sensor
- temperature measurement via highly sensitive sensor
- maximum and rate of rise analysis with thermal sensor technology
- 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
- true environment temperature is available at the fire control panel
- multicolour-LED for alarm (red) and fault (yellow)

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### technical data

operation voltage	15 up to 30 V loop powered
quiescent current	250 $\mu$ A
alarm current	5 mA
output open collector	max. 10 mA for LED indicators or piezo base
sensitivity	60 °C or rate of rise, 5-speed-adjustable

errors and alterations excepted



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### technical data

operation temperature	-10°C up to +60 °C
humidity	max. 90 % RH non-condensing
air speed	max. 20 m/sec
protection class	IP 30
colour housing	white, similar to RAL 9003
material	ABS
diameter	100 mm
DIN-EN	54-5
further approvals	VdS G203037, S295054, LPCB 632b/01
dimensions	(H x Ø): 52 mm x 100 mm
weight	0,13 kg

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