

## Optical Smoke Detector

PL 3301 O black

order number : 30525



Intelligent optical smoke detector for loop 3000, 2 optical sensors and bidirectional isolator, according to DIN EN 54-7, design 1:

- loop 3000 is a highly functional detection-system
- addressable spur connection via T-branch
- a dedicated thermal-sensor provides a display of the detector temperature profile at the fire control panel
- superior operational reliability from intelligent analysis of the measuring chamber signal
- a second independent optical measuring channel
- 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)

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### technical data

diameter	95 mm
DIN-EN	54-7
further approvals	VdS G205046, S295054
dimensions	(H x Ø): 42 mm x 95 mm
catalogue page	34
weight	0,13 kg

errors and alterations excepted