

PRODUCT INFORMATION SHEET

Actual status: 09.05.19



OPTICAL SMOKE DETECTOR WITH ISOLATOR

VdS-approval G 202002

PL 3300 O

Part-No.: 30011



Optical smoke detector for Loop 3000 with two optical sensors for earliest fire detection and indication and with bidirectional isolator according to EN 54-7 and EN 54-17

- Pollution detection of the smoke measurement chamber by an additional optical path
- Detector sensitivities automatically adapted and programmable
- Fault monitoring of the measurement chamber signal and Loop 3000 electronics
- Periodic sensor test
- Automatic and manual addressing on Loop 3000
- Integrated isolator and T-branch option
- Alarm output to control parallel indicator
- Functions completely integrated via Loop 3000 protocol
- Presence and absence switching with selectable sensitivities
- Storage of last maintenance date
- Multicolour LED for alarm (red) and fault (yellow)
- Delivery including protective cover for installation phase

Technical Data

Supply Voltage	15 V to 32 V DC on 2-wire bus (max. 34 V DC)
Quiescent Current	280 μ A
Alarm Current	5 mA
Output	OC: max. 10 mA for parallel indicator or buzzer
Protection class	IP 40
Ambient temperature	-10°C to +60°C
Humidity	max. 95%
Sensitivity	Adjustable in 5 sensitivity levels
Dimensions (H x D)	appr. 44 mm x 97 mm (with base)
Weight	appr. 80 g
Material	ABS
Colour	Housing white (similar to RAL 9003)
Standards	EN 54-7, EN 54-17
VDS-approval	G 202002
System-approval	S 210001, S 216001
CE-CPD-Number	0786-CPD-20035