

CO Gas and Heat Detector

PL 3300 COBT

order number : 30079



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

- detection-system with highest functionality for loop 3000
- addressable spur connection via T-branch
- temperature measurement via highly sensitive sensors
- superior operational reliability from intelligent analysis of the sensor signals
- fault monitoring for sensor signal and thermal sensor
- a dedicated thermal sensor provides a display of the detector temperature profile at the fire control panel
- alarm analysis with professional carbon monoxide sensors
- independent carbon monoxide measurement
- maximum and rate of rise analysis with thermal sensor technology
- a log of the last maintenance date is stored
- automatic addressing (soft-addressing)
- manual addressing (Easy Check)
- alarm output for triggering a detector indication
- multicolour-LED for alarm (red) and fault (yellow)

technical data

| | |
|-----------------------|---|
| operation voltage | 15 up to 30 V loop powered |
| quiescent current | 600 µA |
| alarm current | 5 mA |
| volume | integrated buzzer |
| output open collector | mx. 10 mA for LED indicators or piezo base |
| sensitivity | 60 °C or rate of rise pre alarm 30 ppm CO alarm 60 ppm CO |
| operation temperature | -10 °C up to +60 °C |

errors and alterations excepted



detectomat

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|-------------------|-----------------------------|
| humidity | max. 90 % RH non-condensing |
| air speed | max. 20 m/sec |
| protection class | IP 40 |
| colour housing | white, similar to RAL 9003 |
| material | ABS |
| diameter | 100 mm |
| DIN-EN | 54-5 |
| further approvals | VdS G207005 |
| dimensions | (H x Ø): 58 mm x 100 mm |
| weight | 0,13 kg |

errors and alterations excepted