KMD300

300 Series carbon monoxide (CO) detector and base

Application

The KMD300 detector is designed as a carbon monoxide detector for the KM300 CO detection systems. The KMD300 is an intelligent device that delivers is carbon monoxide reading to the control panel for visualization via a 3-wire bus system.



Details

- Complies with UNE 23300:1984, CE, WEEE, RoHS
- Microprocessor based, SMT technology
- Electrochemical CO sensor with high gas discrimination
- Resolution of up to 1 ppm, less than 5% error in measurement
- Fast response time
- No calibration required
- Low current consumption
- BI-Colour diagnostic LED
- Supported by KM300 CO panels
- Usefull life of 5 years
- Number of detectors per zone

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Technical specifications

Electrical

Operating voltage	10 to 20 VDC (supply voltage)
Current consumption	6 mA (quiescent current) 15 mA (alarm current)

Detection

Detection principle	Electrochemical
Coverage area	300 m² max.
Range	0 to 300 ppm

Physical

Physical dimensions	124 x 62 mm (Ø x H, including base)
Net weight	0.3 kg

Environmental

Operating temperature	-10 to +40°C
Storage temperature	-10 to +70°C
Relative humidity	10 to 95%
IP rating	IP42

Compatible products

Category	Reference	Description
Detection device	KZD705	
Panel	KM301	
Panel	KM302	
Panel	KM303	
Panel	KM304	

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