

KMD300

300 Series Carbon Monoxide (CO) Detector and Base

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



Standard Features

- 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

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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 m ² max. |
| Range | 0 to 300 ppm |
| Useful life | 5 years |
| Number of detectors per zone | < 15 |
| Physical | |
| Physical dimensions | 124 x 62 mm (Ø x H, including base) |
| Net weight | 0.3 kg |
| Environmental | |
| Operating temperature | -10°C to +40°C |
| Storage temperature | -10°C to +70°C |
| Relative humidity | 10 to 95% |
| IP rating | 42 |