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 <15

KMD300

300 Series carbon monoxide (CO) detector and base

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	Kilsen KC700 / KA700 / KM300 series deep point detector base
Panel	KM301	Carbon Monoxide Control Panel for Car Parks - 1 Zone
Panel	KM302	Carbon Monoxide Control Panel for Car Parks - 2 Zones
Panel	KM303	Carbon Monoxide Control Panel for Car Parks - 3 Zones
Panel	KM304	Carbon Monoxide Control Panel for Car Parks - 4 Zones

KIDDE GLOBAL SOLUTIONS

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

Last updated on 5 March 2026 - 10:25