

CARBON MONOXIDE TRANSMITTERS CMT

Carbon monoxide transmitter for detecting CO concentration in air



CMT, carbon monoxide transmitter, is an easy-to-use, reliable transmitter for detecting CO gas. It is commonly used to control ventilation in areas where high concentrations of CO may cause serious health problems.



APPLICATIONS

CMT devices are commonly used in places where air includes CO gas emissions, such as:

- Commercial parking garages
- Apartment garages
- Tunnels and terminals
- Car and bus maintenance garages
- Warehouses and factories
- Auto service centers

MODEL SUMMARY

	CMT	
Description	Model	Product code
Carbon monoxide transmitter	CMT	115.001.007

CARBON MONOXIDE TRANSMITTERS

CMT

SPECIFICATIONS

Performance

Measurement range:
0...300 ppm CO
Linearity:
≤2 % on 300 ppm CO
Cross sensitivity:
≤2 % on 300 ppm CO
Reproducibility:
≤3 ppm

Technical Specifications

Response time:
<60 s
Gas entry:
by diffusion
Measuring element:
Electro-chemical
Environment:
Operating temperature: -10...40 °C
Humidity: 15 to 95 % rH

Physical

Case:
Dimensions: 90 x 95 x 36 mm
Weight: 87 g
Materials:
Case: ABS
Lid: PC
Protection standard:
IP54
Electrical connections:
2-pole screw terminal, max 1.5 mm²
Cable entry:
M16

Electrical

Supply voltage:
20...28 VDC
Output signal:
4...20 mA, maximum load 300 Ω

Conformance

Safety for sensor:
TÜV-approval according to VDI 2053
R.F.I according to EN 50 081-1 resp. EN 50 082-2 B
Meets the requirements for CE marking:
EMC Directive: 2014/30/EU
RoHS Directive: 2002/95/EC
WEEE Directive: 2012/19/EU

