

## 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 mm<sup>2</sup>

**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

