

CARBON MONOXIDE TRANSMITTER CMT



Model summary

Model	Measuring range	Linearity	Cross sensitivity
CMT	0...300 ppm CO	≤ 2% on 300 ppm CO	≤ 2% on 300 ppm CO

Technical data

Response time t90	< 60 sec	
Gas entry	by diffusion	
Measuring element	Electro-chemical	
Electrical interface (2-wire)	Supply voltage	20...28 VDC
	Output signal	4...20 mA, maximum load 300Ω polarity free connection
Materials	Housing	ABS
Connections	Electrical connections	2 pole screw terminal, max 1.5mm ²
	Cable entry	M16
Weight	200 grams	
Dimensions	120 x 81 x 60 mm	
General ambient condition		
	Operation temperature	-10°...+40°C
	Ambient humidity	15...95% relative humidity

Reproducibility:	≤ 3 ppm
Cross sensitivity:	≤ 2% on 300 ppm CO according VDI 2053
Linearity:	≤ 2% on 300 ppm CO according VDI 2053
Zero adjustment:	automatic
IP protection	IP65
Safety for sensor	TÜV-approval according to VDI 2053 R.F.I according to EN 50 081-1 resp. EN 50 082-2 B
Conformance	Meets the requirements for CE marking: RoHS Directive: 2002/95/EC EMC Directive: 2004/108/EC WEEE Directive: 2002/96/EC

Dimensions

