

HML CO Transmitter for Car Parks and Garages

HML and HML-N carbon monoxide transmitters are designed for detecting carbon monoxide in underground parking garages and parking halls. The measuring cell is an environmentally friendly electrochemical cell with a long life, good long term stability and high accuracy. As the sensor is heated the transmitter is working also in temperatures down to -30°C.

The output of 0..10 V or 4..20mA is available on the ranges of 0..100 or 0..300 ppm CO concentration for controlling ventilation.

Please note the during warm-up time at the commissioning; output is 0V or 4mA and the display of HML-N is blinking.

The function of the transmitter must be checked regularly e.g. once a year. Checking can be made by using a reference gas of 150 ppm CO.

Note! The reference gas must contain also oxygen O₂, because of the measuring principal of the sensor cell.

If necessary the transmitter can be calibrated by using HML-C tool. We recommend using of HMV exchange kit to ensure the function of the transmitter. By changing the sensor module, values corresponding values of the new transmitter, can be guaranteed. Plug-in connection makes changing very easy.



Each transmitter and HMV has its own identified calibration certificate.

Model Type	Model	Description
	HML	CO Transmitter for Car Parks and Garages
	HML-N	CO Transmitter for Car Parks and Garages with Display
	HMV	Exchange Kit for the CO Detector
	HMV-C	Calibration Tool for HML
	HM-KK	Reference Gas
	HM-VS	Flow Controller
Technical Data	Power Supply	24 Vac/dc (22 Vac/dc.. 28Vac/dc), 2W
	Range, CO	0..100 ppm or 0..300 ppm
	Accuracy	+/-10 pp for < 70 ppm values +/-15% of value for >70 ppm values
	Output	0..10Vdc < 1mA or 4..20Ma < 500 Ohm
	Time Constant (t63%)	1.5 min
	Warm Up Time	6 min
	Protection Class	IP54, cable gland downwards
	Sensor Life Time	< 7 years, 40% rH 20°C
	Ambient Temperature	-30..+40°C
	Mounting	Wall Mounting with Screws
	Dimensions	W100 x H113 x D46mm

Wiring Connections

