



Protective cap for medium pollution levels

- **Article number**
48.3739-TR

Protective cap for hand held measurement devices for medium pollution levels

General	
Dimensions	Length 96 mm, Ø 18.5 mm
Housing	Plastic PC
Protection type	IP65
Operating temperature	-40...60°C
Operating humidity range	0...100% RH (non-condensing)
Admissible air pressure	850...1100hPa
Storage temperature	-40...60°C
Storage humidity	0...100% RH (non-condensing)
Storage pressure	700...1100hPa
Temperature dependency	typ. 1ppm CO ₂ / °C (-20...45°C)
Outputs	Digital RS485-BUS
Power supply	4,75...7,5V DC, max. 350mA for 0.05s
Electrical connection	Connector M12
Electromagnetic compatibility (Industrial environment)	EN61326-1 EN61326-2-3

CO ₂	
Principle	Dual wavelength, non-dispersive infrared technology (NDIR)
Measuring range	0 ... 5000 ppm
Unit	ppm
Accuracy	at 25°C and 1013mbar: < ±50ppm +3% of measuring value (for averaging output)