

CO2 external probe, range 0-10.000ppm, M12 connector, without cable

code: SN220



CO2 concentration sensor for Sigfox sensor W8861 or Multilogger M1440

A multiple point CO₂ and temperature adjustment procedure leads to excellent CO₂ measurement accuracy over the entire temperature working range; this is a must for process control and outdoor applications.

The dual wavelength NDIR CO₂ sensing procedure compensates automatically for ageing effects. The CO₂ module is highly resistant to pollution and offers maintenance free operation and outstanding long term stability.

High precision capacitive polymer sensor ensures excellent long term calibration stability and ultimate accuracy.

Probe for connection to [1, 2 or 4 meter extension cable - must be ordered.](#)

The CO₂ probes use M12 circular connector and cannot be directly connected - the Multilogger M1440 uses a MiniDIN connector and the W8861 uses a M8 circular connector

Technical data

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|---------------------------------|---|
| CO2 SENSOR | |
| Measuring range | 0 to 10 000 ppm |
| Accuracy | 100 ppm + 5% of the measured value at 23 °C a 1 013 hPa |
| Resolution | 1 ppm |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -10 to +60 °C |
| Protection class | IP65 |
| External probe cable length CO2 | 1 meter |
| Connector | ELKA |
| Dimensions (without connectors) | 96 x 18 mm |
| Weight (including batteries) | 30 g |
| Warranty | 2 years |