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



code: SN274

CO2 concentration sensor for Datalogger U2422

CO2G-xx probe with the I2C output is designed to measure carbon dioxide concentration in the air in chemically non-aggressive environments. The CO_2 measurement is based on the dual wavelength NDIR principle, which automatically compensates for ageing effects. The probe is IP65 rated and the replaceable filter offer protection in harsh environment. It is designed for connection to COMET devices equipped with input for external CO_2 probes. The probe is interchangeable, the calibration constants are saved in the internal memory of the probe.
A multiple point CO_2 and temperature adjustment procedure leads to excellent CO_2 measurement accuracy over the entire temperature working range; this is a must for process control and outdoor applications.

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 -U2422 uses a M8 circular connector.

PROBE IS COMPATIBLE ONLY WITH DEVICES MANUFACTURED FROM 04/2023.
FOR PREVIOUSLY PURCHASED DEVICES, PLEASE CONTACT US.

Technical data

CO2 SENSOR	
Measuring range	0 to 10 000 ppm
Accuracy	100 ppm + 5% of the measured value at 25 °C a 1013 hPa
Resolution	1 ppm
GENERAL TECHNICAL DATA	
Operating temperature	-25 to +60 °C
Protection class	IP65
External probe cable length CO2	optionally 1, 2, 4 meters
Connector	M12 circular connector
Dimensions (without connectors)	95 x 22 mm
Weight (including batteries)	35 g
Warranty	2 years