

Remote CO2 concentration with Ethernet interface and two relays



code: H5521

CO2 level transmitter with two output relays.

The CO_2 measurement is based on a 2-source, 2-beam process. CO_2 measurement with long-term stability is guaranteed thanks to the proven non-dispersive infrared (NDIR) CO_2 measurement cell. The unique patented auto-calibration procedure compensates for aging of the infrared source and guarantees high reliability, long term stability and eliminates the need of periodical recalibration in the field.

The device is supplied with CO2 probe with 1m cable. Cable lengths 2 or 4 meters available optionally.

The CO2 concentration is shown on the display or signaled by a color LED.

Processing and analysis of measured data:

- online in **COMET Cloud**
- **COMET Database** software
- integration into 3-party systems

Technical data

CO2 SENSOR Measuring range 0 to 10 000 ppm Accuracy ±(100ppm +5% from reading) at 25°C and 1013hPa Resolution 1 ppm RELAY OUTPUTS 2 Quantity 2 Maximal voltage 50 V Maximal power 60 VA GENERAL TECHNICAL DATA 0 Operating temperature -30 to +60 °C Channels 1x external CO _{2 Acoustic alarm from built-in beeper - switchable Output Ethernet Measuring interval 15 s Communication protocol WWW, ModbusTCP, SNMPv1, SOAP, XML Alarm protocols E-mail (SMTP authentication is supported), SNMP Trap, Syslog Power 9-30 Vdc Protection class IP30 electronics; IP65 sensors Dimensions 136 x 150 x 45 mm External probe cable length CO2 1 meter (optionally 2 or 4 meters) Weight approx. 360 g Warranty 3 years}		
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Resolution 1 ppm RELAY OUTPUTS Quantity 2 Maximal voltage 50 V Maximal current 2 A Maximal power 60 VA GENERAL TECHNICAL DATA Operating temperature -30 to +60 °C Channels 1x external CO _{2 The substitute of the s}	Measuring range	0 to 10 000 ppm
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Output Ethernet Measuring interval 15 s Communication protocol WWW, ModbusTCP, SNMPv1, SOAP, XML Alarm protocols E-mail (SMTP authentication is supported), SNMP Trap, Syslog Power 9-30 Vdc Protection class IP30 electronics; IP65 sensors Dimensions 136 x 150 x 45 mm External probe cable length CO2 1 meter (optionally 2 or 4 meters) Weight approx. 360 g	Channels	1x external CO ₂ sensor
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Dimensions 136 x 150 x 45 mm External probe cable length CO2 1 meter (optionally 2 or 4 meters) Weight approx. 360 g	Power	9-30 Vdc
External probe cable length CO2 1 meter (optionally 2 or 4 meters) Weight approx. 360 g	Protection class	IP30 electronics; IP65 sensors
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Warranty 3 years	Weight	approx. 360 g
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