

Remote CO₂ concentration with Ethernet interface and two relays

code: H5524



CO₂ level transmitter with two output relays.

The CO₂ measurement is based on a 2-source, 2-beam process. CO₂ measurement with long-term stability is guaranteed thanks to the proven non-dispersive infrared (NDIR) CO₂ 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.

Green LED shines - CO₂ concentration 0 to 1000 ppm

Yellow LED shines - CO₂ concentration 1001 to 1200 ppm

Red LED shines - CO₂ concentration 1201 ppm and more

Technical data

CO ₂ SENSOR	
Measuring range	0 to 2000 ppm
Accuracy	±(50ppm + 2% from reading) at 25°C and 1013hPa
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	internal CO ₂ sensor
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
Dimensions	136 x 213 x 45 mm
Weight	approx. 360 g
Warranty	3 years