

TRCO80 CO2 - °C - %RH INDOOR TRANSMITTERS

Series of combined climatic indoor transmitters for the CO2 measurement, with infrared technology, temperature and relative humidity.

Versions:

TCO80T CO2 + Temperature transmitter

TCO80TRH CO2 + Temperature + Relative Humidity Transmitter

Applications:

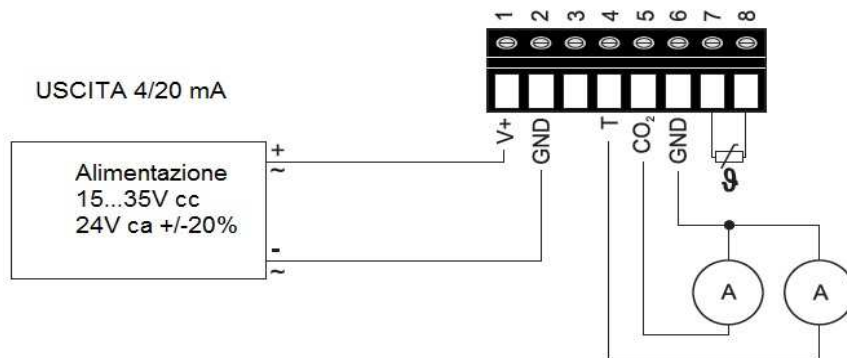
- Ventilation control
- residential building



TECHNICAL SPECIFICATIONS

Range:

CO2 ppm	0...2000 accuracy @25°C 1013 mbar <+/- 50 ppm 2% m.v. 0...5000 accuracy @25°C 1013 mbar <+/- 50 ppm 3% m.v. response time < 195 sec long-term stability 20ppm / year sampling time approx 15 sec
Temperature °C	0...50; -5...+55; 0...40; 20...120 accuracy at 20°C ±0.3°C; 4-20mA current output version : ±0.7°C
Relative Humidity RH%	10...90 capacitive sensor accuracy at 20°C ±3% RH (30...70% RH) ±5% (10...90% RH)
Outputs:	std. 4...20 mA RL < 500 Ohm, (on request 0...5V, 0...10V)
Supply:	24V AC ±20% 15 - 35V DC
Power consumption:	typ. 10mA + current output max 0.5A per 0.3s
Warm-up time:	< 5 min
Housing:	polycarbonate
Class protection:	IP30
Display:	LCD scrolling displays of CO2 (ppm) / T (°C) / RH (% RH)
Electrical connection:	screw terminal max. 1.5 mm ² (AWG16)
EMC:	EN61326-1 , EN61326-2-3
Working temperature:	0...90% RH (non-condensing) / -20...60°C
Dimensions W x H x D:	85 x 100 x 26mm



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