Your is the environment Your is the knowledge

Mod. SCO2

Carbon dioxide sensor (CO_2)

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Highlighted specs

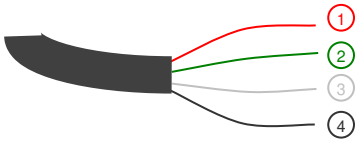
- Accurate and reliable sensor
- Limited dimensions and weight
- NDIR Measure (Non Dispersive Infrared Technology)
- Housing for indoor use
- Long time stability
- According to CE norms

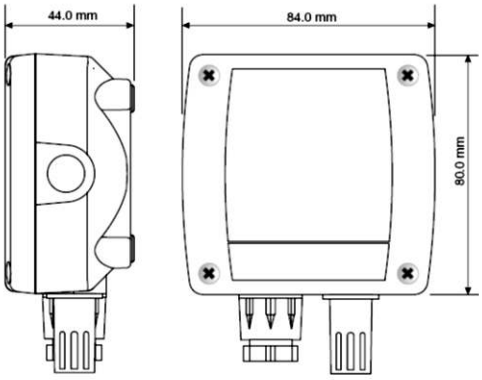
SCO2 transmitters are mainly used in **indoor air quality control through CO2** (Carbon Dioxide) **measurement.**
They are used in crowded spaces, in discontinuously crowded areas likes **museums, galleries, caves, auditoria, schools, hospitals, greenhouses, livestock holdings**, etc.
It's available in the versions with range 0÷2000ppm or 0÷5000ppm and with output 4÷20mA.

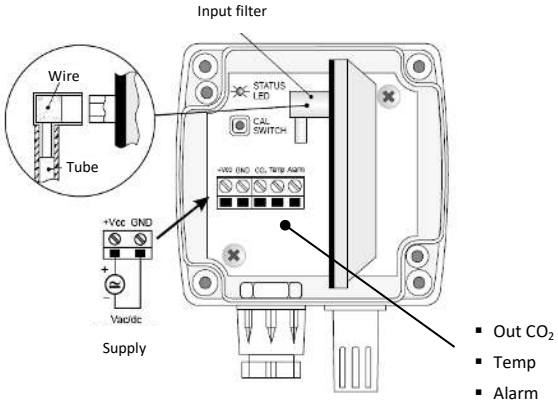
Type of transducer	Non dispersive Infrared technology with double wavelength
Typical range	0÷2000ppm or 0÷5000ppm
Longtime stability	5% of range / 5 years
Accuracy CO2	f.s. 0÷2000ppm: ±(20ppm+2% of measure) f.s. 0÷5000ppm: ±(20ppm+2% of measure)
Response time	< 120s
Warming time	< 15s
Power supply and consumption	12÷30Vdc, <2W @ 24Vdc
Signal output	4÷20mA (RL< 500 Ohm)
Operative temperature	-25 ÷ +60°C (0÷100% RH, non-condensation)
Protections	Polarity reverse and transient
Protection of electronics	IP21
Made of	ABS and stainless steel
Weight	120g

Size and connections

Pin	Wire	SCO2-B
1	Red	Vdc(16÷30V)
2	Green	Out -
3	White	Out +
4	Grey	Gnd







Order Code

Sensor	Carbonic Dioxide Sensor	**SCO2**		
Output	4÷20mA		B	
Accessories	CS05 – Cable 5m sensor-datalogger			05
	CS10 – Cable 10m sensor-datalogger			10
	CSxx – Cable xx* m length, sensor-datalogger – to be specified at order			xx

specify the length for no standard measures* — *example of order code* **SCO2 **B** **10**

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