



Mod. **S-NO**

Sensor to measure Nitric Oxide (NO)

Highlighted specs

- Linear and reliable Sensor
- Electrochemical measuring system or NDIR Measure (Non Dispersive Infrared Technology)
- Housing for indoor/outdoor ABS IP65
- Wide temperature operative range
- According to **CE** norms

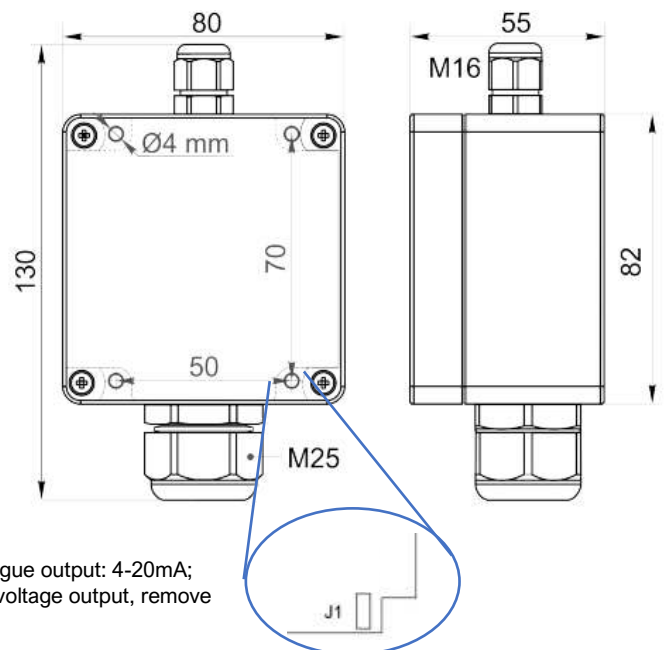
Sensors for the measuring of **concentration for Nitric Oxide**, for a wide range of applications, both industrial and environmental. **They are not gas analyzers**, they use an electrochemical measuring principle or infrared (depending on the gas), with which it is possible to convert the measurement of gas's concentration in measurable electrical signal. Specifically designed for **outdoor applications with IP65 enclosure**.

The measurable gases: **NO** (Nitric Oxide).

Gas	NO
Range	0÷250 ppm
Resolution	1 ppm
Response Time (s)	<40
Operating life (months)	>24
Ovel limit	1000 ppm
Operative Range (°C)	-30 ÷ 50°C
Humidity	15...90 %RH no condensating
Suggested recalibration	6-12 months
Signal output	4÷20mA / 0÷10Vdc & ModBus RS485
Power Supply	11...30 Vdc, consumption < 2VA
Enclosure	IP65 (ABS enclosure) - IP54(Metal enclosure)
Weight	230g

Size and connections

Pin	Wire	S-NO-A	S-NO-B*
1	Yellow	--	--
2	White	Out 0-10V	Out 4-20mA
3	Green	Gnd signal	Gnd signal
4	Grey/Orange	Gnd	Gnd
5	Red	+ 12/24Vdc	+ 12/24Vdc
6	Blue	RS485 A	RS485 A
7	Brown	RS485 B	RS485 B



* Default analogue output: 4-20mA; to select the voltage output, remove jumper J1

Order Code

Sensor	NO (Nitric Oxide) Sensor	S-NO	
Output	4÷20mA + ModBus RTU485 0÷10Vdc + ModBus RTU485		A B
Accessories	CS05 – Cable 5m sensor-datalogger CS10 – Cable 10m sensor-datalogger CSxx – Cable xx* m length, sensor-datalogger – to be specified at order		05 10 xx

*specify the length for no standard measures

example of order code

S-NO B 10