



Mod. S-VOC

Volatic Organic Compound sensor

Highlighted specs

- Linear and reliable Sensor
- Electrochemical measuring system or NDIR • Measure (Non Dispersive Infrared Technology)
- Housing for outdoor use in aluminium IP65 •
- Wide temperature operative range
- According to CE norms

Sensor for measuring the Volatic organinc compound for a wide range of applications, both industrial and environmental, including: Toluene, xylene, ethanol etc. it is not a gas analyzer, it uses an electrochemical measuring principle, with which it is possible to convert the measurement of gas's concentration in measurable electrical signal (4+20mA o 0-10vdc o ModBus RTU485). Specifically designed for outdoor applications with IP65 enclosure.

Gas	VOC		
Range	0÷100% LEL (flammability range) / 0÷1000ppm (toxic range)		
Resolution	0.1% LEL o 1ppm – rif. Toluene		
Response Time (s)	< 120s		
Life time (months)	> 60 months		
Operative Range (°C)	-35 ÷ +70 : 15 ÷ 95% RH no condensation		
Recalibration each	12-24 months		
Humidity	2x 4÷20mA / 2x 0÷10Vdc / ModBus RS485		
Signal output	1130 Vdc		
Power Supply	IP65 (ABS)		
Enclosure	IP65		
Weight	< 200g		

Size and connections

Pin	Wire	S-VOC-A	S-VOC-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	



Order Code

Sensor	Volatile Organic Compound sensor	S-VC	oc		
put	4÷20mA / RS485 ModBus			А	
Out	0÷10Vdc / RS485 ModBus			В	
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
*specif	/ the length for no standard measures	example of order code S-VC)C	В	10

specify the length for no standard measures