


SENSOR TRANSMITTER Oxygen **O₂**

Range	0 ÷ 25 % oxygen in air
Max overload	30 % oxygen
Sensor	electrochemical cell
Type	standard or KE25 for O ₂ in CO ₂
Expected Operating Life	2 years in air
Sensibility	1%
Linearity	100%
Output	4 ÷ 20 mA
Power supply	18 ÷ 30 Vdc
Operating temperature	- 20° ÷ + 50° C
Relative Humidity Range	0 ÷ 99% non-condensing
Absolute Pressure Range	Atmosferic ± 10%
Response time	T ₉₀ < 15 sec.
Long Term Output Drift	< 5% signal loss/year
Wiring type	2 wires shielded
Approvals	<ul style="list-style-type: none"> ▪ ISSeP04ATEX036 ▪  II 2GD - EEx d IIC T6 - IP 6X - T85°C ▪ CE
Naval approvals	<ul style="list-style-type: none"> ▪ DNV (Det Norske Veritas) n° A8575

Product codes

Complete sensor with 4-20 mA transmitter in explosion proof housing, with internal onboard display and 3 buttons for one man calibration	
<i>standard</i>	102302
<i>KE25</i>	102301
Only spare sensors	
<i>standard</i>	108300
<i>KE-25</i>	108302