



GPR-2500 S AMB O2 TRANSMITTER

ATEX certified ambient air monitor/oxygen transmitter measures O2 concentrations with 0.1% resolution. The monitor is 2-wire loop powered with ATEX Directive 94/9/EC (with external intrinsic safety barrier), an advanced galvanic oxygen sensor, 36 month operating life, menu driven controls, and NEMA 4 enclosure.

Certifications:

ATEX Directive 94/9/EC
Ex ia IIB T4 Gb
T_{amb} -10°C to 45°C



TECHNICAL SPECIFICATIONS

*Accuracy:	< 2% of FS range under constant conditions	Analysis:	0-25% FS ranges
Application:	Oxygen analysis in ambient atmospheres or confined spaces	Approvals:	EC TYPE EXAMINATION CERTIFICATE: INERIS 08ATEX0036 Ex ia IIB T4 Gb
Area Classification:	Meets the recognized intrinsic safety standards for use in Class 1, Division 1, Group C, D hazardous	Operating Range:	Recommended -10 °C to 45°C
Calibration:	Air or certified span gas	Compensation:	Barometric pressure and temperature
Connections:	1/8" compression tube fittings	Controls:	Menu controls, calibration and system functions
Display:	Graphical LCD 2.75" x 1.375"; resolution 0.1 %; displays real time ambient temperature and pressure	Enclosure:	Painted aluminum NEMA 4X, 4"x9"x3", 8 lbs
Flow Sensitivity:	NA	Linearity:	±1% of full scale
Pressure:	NA	Power:	18-24 VDC
Response Time	90% of final reading in 10 seconds	Sample System	None
Sensitivity:	< 0.5% of FS range	Sensor Model:	GPR-11-32-4
sensor Life:	32 months at 25°C and 1 atm.	Signal Output:	4-20mA Loop Current
Warranty:	12 months analyzer; 12 months sensor	Wetted Parts:	Corrosion resistant materials

*At constant temperature and pressure