



Technical Specifications *

Accuracy:	< 2% of FS range under constant conditions
Analysis:	0-1%, 0-5%, 0-10%, 0-25% FS ranges; auto-ranging or fixed single range
Application:	Oxygen analysis in ambient atmospheres and confined spaces
Approvals:	Certified for use in hazardous areas - see lower right
Area Classification:	Class I, Division 1, Group C, D hazardous areas with external intrinsic safety barrier
Calibration:	3 month interval using air or certified span gas of O2 approximating 80% of full scale range balance N2
Compensation:	Temperature
Controls:	Water resistant keypad; menu driven range selection, calibration and system functions
Display:	Graphical LCD 2.75" x 1.375"; resolution 0.001%; displays real time ambient temperature and pressure
Enclosure:	Fiberglass NEMA 4X, 6.75 x 8.375 x 4.25", 8 lbs.
Flow:	Not flow sensitive; recommended flow rate 1-2 SCFH for calibration
Linearity:	±1% of full scale
Pressure:	Sample: Atmospheric; Calibration: Inlet - regulate to 5-30 psig to deliver 1-2 SCFH flow, vent - atmospheric
Power:	18-24 VDC
Response Time:	90% of final reading in 13 seconds
Sample System:	None
Sensitivity:	< 0.5% of FS range
Sensor Model:	GPR-11-32-4 for non-acid (CO2) gas streams; XLT-11-24-4 for gases containing > 0.5% CO2
Sensor Life:	GPR-11-32-4 32 months in air at 25°C and 1 atm XLT-11-24-4 24 months in air at 25°C and 1 atm
Signal Output:	4-20mA non-isolated
Operating Range:	0 °C to 45°C (GPR sensor), -10° to 45°C (XLT sensor)
Warranty:	12 months analyzer; 12 months sensor
Wetted Parts:	Stainless steel

Optional Equipment

Sample conditioning system - Contact factory.

* Subject to change without notice

ATEX Certified for Hazardous Areas



GPR-2500 SN ATEX Ambient Area Oxygen Monitor

Intrinsic Safety Barrier MTL7706+ or Equivalent
2 Wire Loop Powered O2 Transmitter

Advanced Galvanic Sensor Technology

ATEX Certified - Directive 94/9/EC
Examination Cert: INERIS 08ATEX0036



II 2 G
Ex ia IIB T4
T_{amb} -20°C to +50°C



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ISO 9001:2008 Certified
INTERTEK Certificate No. 485

