



## Technical Specifications

Accuracy:	< 1% of FS range under constant conditions
Analysis:	0-1%, 0-5%, 0-10%, 0-25% FS ranges; auto-ranging or manually lock on single range
Application:	Monitor oxygen content of ambient atmospheres or confined spaces which could be depleted by inert, hydrocarbon, helium or mixed gases
Approvals:	CE
Area Classification:	General purpose; with optional safety barriers meets recognized intrinsic safety standards for use in Class 1, Division 1, Group A-D hazardous areas
Alarms:	None
Calibration:	Certified gas of O <sub>2</sub> balance N <sub>2</sub> approximating 80% of range above analysis range recommended for optimum results. Supplied with flow through adapter with tube connections
Compensation:	Barometric pressure and temperature
Connections:	1/8" compression tube fittings
Controls:	Water resistant keypad; menu driven range selection, calibration and system functions
Display:	Graphical LCD 2.75 x 1.375; resolution .01 ppm; displays real time ambient temperature and pressure
Enclosure:	Painted aluminum NEMA 4X, 4x9x3", 8 lbs.
Flow Sensitivity:	None between 0.5-5 SCFH, 2 SCFH recommended
Linearity:	> .995 over all ranges
Pressure:	Ambient
Power:	12-28VDC two wire loop power; minimum 24VDC with optional intrinsic safety barriers
Response Time:	90% of final FS reading in 10 seconds
Sample System:	None - exposed to ambient atmosphere
Sensitivity:	< 0.5% of FS range
Sensor Model:	GPR-11-32-4 - requires no maintenance
Sensor Life:	36 months in air at 25°C and 1 atm
Signal Output:	4-20mA
Temp. Range:	-10° to 45°C
Warranty:	12 months analyzer; 12 months sensor
Wetted Parts:	Corrosion resistant material

## Optional Equipment

Remotely located sensor



## **GPR-2500S Ambient Oxygen Monitor 2 Wire Transmitter**

**Advanced Sensor Technology**  
**Accuracy < 1% FS Range**  
**Sensitivity < 0.5% FS Range**  
**Fast Response**  
**Extended Operating Range**  
**36 Month Expected Life**  
**No Maintenance**

**4-20mA Signal Output**  
**12-28VDC Loop Powered**  
**4 Standard Analysis Ranges**  
**Auto-ranging or Manual**  
**Water Resistant Enclosure**  
**Certified ISO 9001 QA System**

