



GPR-1500 GB PPM O2 ANALYZER / TRANSMITTER - GLOVE BOX APPLICATIONS

PPM oxygen transmitter measures PPM O2 concentration in glove boxes. Designed exclusively for glove box and controlled atmosphere applications. Features an advanced galvanic trace PPM oxygen sensor capable of precisely measuring oxygen concentrations ranging from low PPM to 1% over a 24 month operating life with no periodic maintenance required, menu driven controls, two (2) wire loop power, and innovative sampling and calibration modules, which, along with the transmitter, are designed for use inside a glove box eliminating potential leaks from wall penetrations.

When used in conjunction with an approved intrinsic safety barrier, the transmitter may be used in Class I Div I Group C, D hazardous locations



TECHNICAL SPECIFICATIONS

Accuracy:	+/- 2% of FS	Analysis:	0-10 PPM, 0-100 PPM, 0-1000 PPM, 0-1%, 0-25% FS
Application:	Oxygen analysis in inert, hydrocarbon, helium, hydrogen, mixed and acid (CO2) gas streams	Area Classification:	General purpose
Alarms:	NA	Calibration:	Certified span gas
Compensation:	Barometric pressure and temperature	Connections:	1/8" compression tube fittings
Controls:	Water resistant keypad; menu driven	Display:	Graphical LCD 2.75" x 1.375"; resolution 0.01 PPM
Enclosure:	NEMA 4, 14"x10"x5"	Flow Sensitivity:	1-2 SCFH recommended
Linearity:	±1% of full scale	Pressure:	Inlet – 5-30 psig; vent – atmospheric
Power:	18-24 VDC non-loop power	Recovery Time:	60 seconds in air to < 10 PPM in < 1 hour
Response Time:	90% of final reading in 10 seconds	Sample System:	Sensor housing with isolation valves
Sensitivity:	< 0.5% of FS range	Sensor Model:	GPR-12-333-M
Sensor Life:	24 months	Signal Output:	4-20 mA
Operating Range:	5 °C to 45°C	Warranty:	12 months analyzer; 12 months sensor
Wetted Parts:	Stainless steel	Weight:	8 lbs.

*At constant temperature and pressure