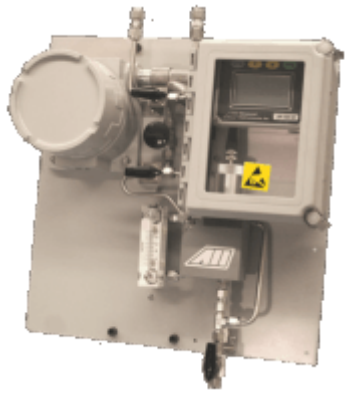
GPR-1800 AIS-LD PPM O2



ATEX and cUL certified PPM oxygen transmitter, liquid drain to remove condensate, 0-10PPM low range, two oxygen alarms, measures O2 concentrations from 0.01 PPM to 1%. Features certification to ATEX Directive 94/9/EC and cUL designed exclusively for Natural Gas applications. This analyzer features an advanced galvanic trace PPM oxygen sensor, a 18 month operating sensor life, menu driven controls, and two (2) field selectable alarm set points. Pictured with optional A-3393 modular sample system designed to remove moderate amounts of free liquids and H2S from natural gas streams.

Certifications:
cUL Class I Div I Group C, D
ATEX Directive 94/9/ II 2G
Ex d [ib] ib IIB T4 Gb
T_{amb} -10ºC to 50ºC

TECHNICAL SPECIFICATIONS

***Accuracy:**	< 2% of FS range under constant conditions	**Analysis:**	0-10, 0-100, 0-1000 PPM, 0-1%, 0-25% FS ranges;
Application:	Oxygen analysis in inert, hydrocarbon, hydrogen, mixed and acid (CO_2) gas streams	**Approvals:**	ATEX Directive 94/9/EC II 2 G Ex d [ib] ib IIB T4 Gb Tamb -20?C to +50?C
Area Classification:	cUL for Class 1, Division 1, Group C, D hazardous	**Alarms:**	Two user configurable alarms: magnetic coil relays rated 3A at 100 VAC, programmable alarm delays, alarm bypass for calibration and system fail alarm
Calibration:	Air or certified span gas of O_2 balance N_2	**Compensation:**	Barometric pressure and temperature
Connections:	1/4″ compression tube fittings	**Controls:**	Water resistant keypad; menu driven range selection, calibration and system functions
Display:	Graphical LCD 2.75” x 1.375”; resolution 0.01 PPM; displays real time ambient temperature and pressure	**Enclosure:**	NEMA Type 3R suitable for rain in outdoor applications
Flow:	Not flow sensitive; 1-2 SCFH recommended	**Linearity:**	± 1% of FS
Pressure:	Inlet – regulate to 5-30 psig to deliver 1-2 SCFH flow to transmitter; vent – atmospheric	**Power:**	12-28 VDC (UL, ATEX) or 110-220 VAC (ATEX)
Response Time:	90% of final reading in < 2 seconds	**Sample System:**	Unique liquid drain sensor manifold, flow indicator
Sensitivity:	< 0.5% of FS range	**Sensor Model:**	GPR-12-333-LD for inert gases
Sensor Life:	24 months in	**Signal Output:**	4-20mA; optional Modbus
Operating Range:	Recommended -10ºto 45ºC	**Warranty:**	12 months analyzer; 12 months sensor
Wetted Parts:	Stainless steel	**Communication:**	Optional Mod-bus communication port

*At constant temperature and pressure