



Technical Specifications *

Accuracy:	< 2% of FS range under constant conditions
Analysis:	0-25% O2 FS ranges
Application:	Oxygen analysis in hazardous ambient areas and confined spaces
Approvals:	Certified for use in hazardous areas - see lower right UL: United States: UL 1203, UL 913, UL 508 Canada: CAN/CSA C22.2 No. 30-M1986, CAN/CSA C22.2 No. 157-92, CAN/CSA C22.2 No. 14-10 ATEX: Directive 94/9/EC
Area Classification:	Certified for use in hazardous areas - see lower right
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:	1 month interval using air
Compensation:	Barometric pressure and temperature
Connections:	None
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:	NEMA Type 3R suitable for rain in outdoor applications
Flow:	N/A, Ambient air monitoring only
Linearity:	±2% of full scale
Pressure:	Atmospheric
Power:	12-28 VDC (UL, ATEX Certified) 110-220 VAC (ATEX Certified)
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:	GPR-11-32-4 32 months
Signal Output:	4-20mA non-isolated or 1-5VDC
Operating Range:	0°C to 45°C
Warranty:	12 months analyzer; 12 months sensor
Wetted Parts:	N/A

Optional Equipment

Modbus RTU Communication

* Specifications subject to change without notice

UL or ATEX Certified for Hazardous Areas



GPR-2800 AIS 5 Ambient Oxygen Analyzer

Full Featured Ambient Oxygen Analyzer

→ Optional Modbus RTU Communication
Advanced Galvanic Sensor Technology

Exia

CLASSIFIED
UL US

UL Certified
File E343386

Class I, Division 1, Groups C and D
T₄ T_{amb} -20°C to +50°C

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

II 2 G
Ex d [ib] ib IIB GbT4
T_{amb} -20°C to +45°C

CE
0080

ISO 9001:2008 Certified
INTERTEK Certificate No. 485

INTERTEK
ISO 9001:2008