



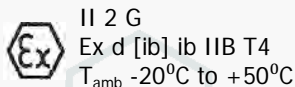
Technical Specifications

Accuracy: < 2% 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: Oxygen analysis in inert, hydrocarbon, helium, hydrogen, mixed and acid (CO₂) gas streams

Approvals: EC TYPE EXAMINATION CERTIFICATE: INERIS 08ATEX0036



Area Classification: Meets the recognized intrinsic safety standards for use in Class 1, Division 1, Group C, D hazardous

Alarms: Two user configurable alarms: magnetic coil relays rated 3A at 100 VAC, field programmable alarm time delays, alarm bypass for calibration and system fail alarm

Calibration: Air or certified span gas of O₂ balance N₂ approximating 80% of range above analysis range recommended

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 0.01 PPM; displays real time ambient temperature and pressure

Enclosure: Aluminum ex-proof, fiberglass NEMA 4X, 16x9x6", 20 lbs.

Flow Sensitivity: None between 0.5-5 SCFH, 1-2 SCFH recommended

Linearity: ±1% of full scale

Pressure: Inlet - regulate to 5-30 psig to deliver 1-2 SCFH flow to transmitter; vent - atmospheric

Power: 12-24 VDC (suitable for solar power systems) or 100/230 VAC

Response Time: 90% of final reading in 10 seconds

Sample System: Sample flow meter

Sensitivity: < 0.5% of FS range

Sensor Model: GPR-11-32

Sensor Life: 24 months at 25°C and 1 atm.

Signal Output: 4-20mA

Operating Range: Recommended -10 °C to 45°C (GPR sensor)
-20° to 45°C (XLT sensor)

Warranty: 12 months analyzer; 12 months sensor

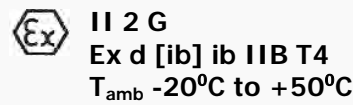
Wetted Parts: Stainless steel



**GPR-2800 AIS ATEX
Oxygen Analyzer**

**12-24 VDC or 100/230 VAC Powered
Intrinsically Safe Oxygen Analyzer**

**ATEX Directive 94/9/EC
INERIS 08ATEX0036**



**ISO 9001:2008 QA System
INTERTEK Certificate No. 485**



Optional Equipment

Sample conditioning systems - Contact factory

XLT-11-24 for gases containing > 0.5% CO₂