

TEXAS ANALYTICAL CONTROLS, INC.

O2 PROCESS ANALYZER

XLE/302/112



Specifications:

Detection Method: Micro-fuel cell

Ranges: 0-100 PPM

Communications Output:

4-20mA (Self or Loop Powered), Modbus via RTU or TCP/IP

Sample Input Pressure: Inlet 10 +/- 2 PSIG

Response Time: < 30 seconds

Instrument Accuracy:

+/- 2% of Full Scale

Instrument Repeatability:

+/- 2%

Current Draw: < 1 A

Operating Temperature: -20° C

to 50° C: -40 F to 122° F

Red LED indicator: For

Calibration Mode

Blue LED indicator: For Active

Relay or Shut- In Valve

(Optional)

Power Input: 12 or 24VDC, 110VAC, and Solar Panels

Enclosures: NEMA 4X powder coated, (Dimensions: 12" x

10" x 6" Weight: 20 pounds), Explosion proof, suitable for

Class 1, Division 1, Groups B, C, and D (Dimensions: 18" x 16"

x 12" Weight: 45 pounds)

Low/High Alarms: Non-latching or Latching

Shut-In Valve: Pneumatic solenoid valve or relays to control an external shut-in valve

Alarm Relays: SPDT and Field Programmable

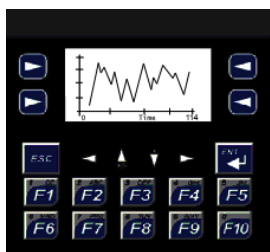


Model XLE 302 112 O₂

The analyzer is economical, reliable and easy to use. Our analyzer uses a micro-fuel sensor to detect and monitor the presence of O₂ in a natural gas pipeline. Depending on the application, the sensor typically lasts 9 months to a year. Calibration is fast and simple. And can be done in approximately 5 minutes. An optional scrubber is recommended for > 50 PPM H₂S to extend the life of the O₂ Sensor.

Full Technical Support

You will find the analyzer is easy to maintain yourself, with technical support available by phone or from our field technicians.



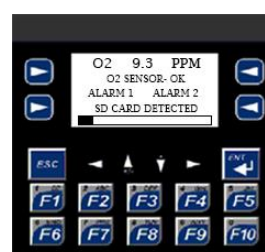
Historical Trend

Displays Historical Trend of O₂ Readings for the previous hour



Flow Fail Alarm Alert

An alert is displayed if the regulators or the flow meter are not working properly or the sample to the analyzer is obstructed



Sensor Weak Alert

An alert shows when the O₂ sensor is 75% used



Data Backup

The SD memory card is used to store Historical Calibration and Alarm Data