

## Envent Model M60XP

### Oxygen Monitor

The M60XP Oxygen Monitor uses an electrochemical sensor that produces an electrical current proportional to the difference in oxygen between ambient air and the stream of interest. The sensor will perform best at concentrations between 1000 ppm and 25%.

#### Applications

- Vapour recovery systems.
- Oxygen in gathering pipelines.
- Storage tank blanket gas and other headspace applications.
- Custody Transfer

#### Features

- Electro-chemical sensor. Dual alarm outputs.
- Two-line LCD display. 4-20 mA output.
- RS-232 and RS-485 configurable Modbus communications.

#### Benefits

- Quick delivery.
- Full service and Training.
- Available with differing sample systems and accessories as required in various applications.

#### Specifications

Analytical Method	As per ASTM D7607
Electrical Classification	Certified for Class I, Division 1, Groups B, C, D
Operating Principle	Electro-chemical sensor
Power	12 to 24 VDC standard 120/240 VAC optional
Measurement Range	0 – 1000 ppmv or 0 – 25% Standard
Warm Up	Less than 10 minutes
Operating Temperature	10 to 50°C (50 to 122°F)
Analog Output	Isolated 4-20 mA (concentration only)
Communications	Serial RS-232 Standard (all parameters) Configurable Modbus RTU (optional)
Alarms	Dual 3-amp Solid State Alarm Relays
Optional Sample System	Inlet filter, pressure regulator, flow meter, calibration port
Accuracy	±2% of reading or ±50ppm, whichever is greater
Response time	20 seconds to 95% of step change wetting
Data Logging	6500 total records, recorded at 5-minute intervals ~ 20 days of data
Contaminant Sensitivity	Resistant to Mercaptans, Methanol, Glycol, Amines



Model M60XP O<sub>2</sub> Monitor



Model M60XP O<sub>2</sub> Monitor with Sample Conditioning System