



M60 Oxygen Monitor

MODEL

M60 Oxygen Monitor

Two M60 models are available

M60 % Ranges from 2000 ppm to 25%

M60 ppm Ranges from 200 ppm to 5000 ppm

This Uniquely rugged and simple design by Envent Engineering utilizes electrochemical sensing technology to deliver accuracy and stability at a class leading price point

APPLICATIONS

Oxygen in gathering pipelines needs to be monitored to ensure the oxygen concentration does not exceed the maximum allowable concentrations. Vapor recovery systems where inlet compression pressures are sub-atmospheric, are susceptible to air infiltration and oxygen concentration serves as an early warning of leaks. Storage tank blanket gas and other head space applications frequently require oxygen monitoring for safety reasons.

FEATURES

- Electrochemical sensor
- Dual alarms
- Two line LCD display
- 4-20 ma analog output
- Wide range of measurement available
- Configurable Modbus communications
- Internal data logger

VALUE

The M60 offers industry leading low total cost of owner-ship for an oxygen analyzer in hazardous locations



Model M60

SPECIFICATIONS

Enclosure	Class I Division 1 Groups C,D
Operating Principle	Electrochemical sensor
Power	12 to 24 VDC standard 120/240 VAC optional
Measurement Range %	0 to 2000 ppm to 0 to 25%
Measurement Range ppm	0 to 200 ppm to 0 to 5000 ppm
Repeatability M60 %	+/- 2% of full scale
Repeatability M60 ppm	+/- 5% of full scale
Warm Up	Less than 10 minutes
Operating Temperature	10-50 C
Analog Output	Isolated 4-20 ma
Communications	Configurable Modbus RTU
Alarms	2 Solid state 3 Amps max
Optional Sample System	Inlet filter, pressure regulator, flowmeter, calibration port



M60 with optional sample system mounted on 16" by 24" anodized aluminum panel



M60 with optional sample system in a heated fiberglass enclosure