

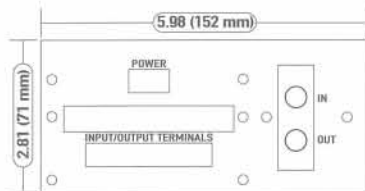
MODEL 7100

Compact Oxygen Analyzer

Mini Zirconia Sensor/0-2,000PPM Range



Oxygen analysis doesn't have to be complicated or expensive



BACK PANEL DETAIL



PANEL CUT-OUT DETAIL

CLEARANCE FOR #8-32 STUB, 4 PLACES



SIDE VIEW

Dimensions in Inches (mm)

Sensor	Mini Zirconia Sensor, internal mount or external remote sensor
Measurement Range	0-10ppm/0-100ppm/0-1,000ppm/0-2,000ppm/ auto range or fixed range
Display	0.75" (19.05mm) LED digital display. Color coded LED's for system status, Alarms 1&2= RED, system fault= YELLOW, OK and online= GREEN
Response Time	<15 seconds to 90% step change @ ppm level
Intrinsic Error (accuracy)	±3ppm @ 0-50ppm/±5ppm @ 51-500ppm/±5ppm @ 501-2000 ppm O ₂ @ STP when calibrated @ target concentration @ STP: ±1% range
Operating Temperature	5-45° C
Signal Interface	RS-232 service port, 4-20mA negative ground, 0-10VDC range ID and choice of 0-1VDC or 0-5VDC or 0-10VDC analog oxygen signal
Alarm Outputs	Two alarms with adjustable form C relay outputs. Configurable for fail-safe or fail-alarm mode, ascending or descending trip. One system fault relay. One alarm/relay for sensor heater OK.
Sample Port	1/8 inch NPT female ports
Electrical Connections	Removable terminal blocks on back of analyzer
Power, Analyzer	5 watts at 115/230VAC 50/60Hz, single phase or 12-30VDC (battery backup capability)
Environmental Ratings, Analyzer	Faceplate: NEMA type 4, IP66 Housing: NEMA type 1, IP20
Warranty	Electronics and sensor: One year
Weight	Analyzer: Less than 2lbs. (0.9kg)



The model 7100... an affordable solution in industrial applications throughout the world.

- **COMPACT, MODULAR ANALYZER**
EASY TO INSTALL WITH SMALL FOOTPRINT
- **LARGE, EXTRA-BRIGHT LED DISPLAY**
- **WIDE MEASUREMENT RANGE**
0-2,000 PPM WITH ONE INSTRUMENT
- **LONG LIFE ZIRCONIA SENSOR**
THREE TO FIVE YEARS EXPECTED OPERATIONAL LIFE
UNLIMITED SHELF LIFE
- **LOW MAINTENANCE SENSOR**
WILL NOT DRY OUT OR FREEZE
- **LOW COST**
PRICED RIGHT FOR THE OEM AND END USER

ML107 Rev. A
0700