

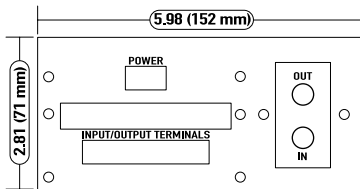
# MODEL 5100

Compact Oxygen Analyzer

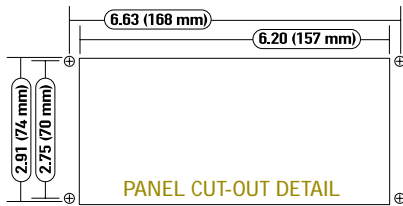
Mini Zirconia Sensor/Percent Range



## Oxygen analysis doesn't have to be complicated or expensive

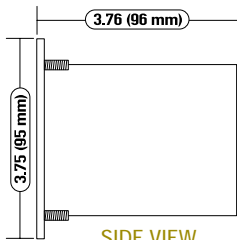


BACK PANEL DETAIL



PANEL CUT-OUT DETAIL

CLEARANCE FOR #8-32 STUD, 4 PLACES



SIDE VIEW

Dimensions in Inches (mm)

Sensor	Mini Zirconia Sensor
Measurement Range	0-1%/0-10%/0-25%/0-50%/0-100% 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 for 90% step change
Intrinsic Error (accuracy)	At constant temperature: $\pm 2\%$ range Over operating temperature: $\pm 5\%$ range when calibrated @ target concentration @ STP: $\pm 1\%$ 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.
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 10 Watts @ 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 5100... an affordable solution in industrial applications throughout the world.

- COMPACT, MODULAR ANALYZER  
EASY TO INSTALL WITH SMALL FOOTPRINT
- LARGE, EXTRA-BRIGHT LED DISPLAY
- COLOR CODED STATUS LED'S
- REMOVABLE TERMINAL BLOCKS
- LONG LIFE ZIRCONIA SENSOR  
FIVE TO TEN 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