



O2 Meter % Flame proof sensor sampling system Model – OMPC FL

Oxygen Meter % Level Model = OMPC FL

Online Mains

Suitable to detect % level of O₂ in air environment and pure inert gases,
Likes H₂, Ar, Nitrogen, Etc.

- Oxygen sensor with holder and Zener Barrier

SPECIFICATIONS:

- ◆ Measuring Range: : 0 to 100%. (With Resolution: 0.1%)
Additional Range : 0 -19.99% with Resolution 0.01%
- ◆ Display : 3 digits L.E.D.
- ◆ Power Supply : 230 Volt AC. ±10% 50Hz
- ◆ Output : 4 to 20 mA, self-powered. (to be connected through zener barrier
To your PLC)
- ◆ Alarm : Single alarm
- ◆ Operating Temp. for electronic : 4°C to 45°C
- ◆ Display : 3 digits L.E.D.
- ◆ Power Supply : 230 Volt AC. ±10% 50Hz

Separate sensor sampling unit to with, flow control, Flow Indicator (Rota meter),

¼" input output fittings in panel for N₂ line, while electronic

Indicator (mounted in flame proof cabinet) can be kept Hazardous are to monitor the Oxygen.

Sensor unit connected by Zener barrier thru 2 meters wire to electronic

- Type of protection & gas group: as per IS: 1981 & IP-55 as per IS: 2147/1962.
Enclosure suitable for Div.1 gas group I, IIA & IIB as per
2148/1981 or Div.-1, class 1-D & Class 1-C as per NEC 70- 1981
Of USA or Class 1 & Class 2 as per VDE 0171 of FRG.

Additional features:

- Estimated cell life 1 year if used for low oxygen continuously.

Calibration check with room air or by calibration gas
(Recommended for Better accuracy).

- Rota meter to measure flow with needle valve to control the flow.
Continuous monitoring.

◆ In the interest of continued product we reserve the right to change the specification without prior notice

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