



INDION®

1000Pro INDION 4-WIRE TRANSMITTER & CONTROLLER

1000Pro series Analyzer for pH/ORP/ Conductivity/ TDS measurements incorporates the latest technology to provide highly reliable, flexible, feature packed device that satisfies a diverse range of process monitoring and control applications. Measurements such as pH / Redox (ORP) or Conductivity / Total Dissolved Solids (TDS) are freely selectable via software thus reducing the need of individual dedicated controller; The 1000Pro can be picked up off the shelf and can be used for any of the above measurements.

FEATURES & BENEFITS

- Multi parameter Measurements of pH / ORP /Conductivity / TDS eliminates the need for a Variety of dedicated controllers.
- 2 nos. 4-20 mA Isolated Outputs & 2 nos. Relay Outputs
- Modbus RS 485 Output
- Non Volatile Memory
- High visibility Backlit display
- Guided calibration procedures
- Membrane Key pad
- Panel Mounted





SPECIFICATION INFORMATION:

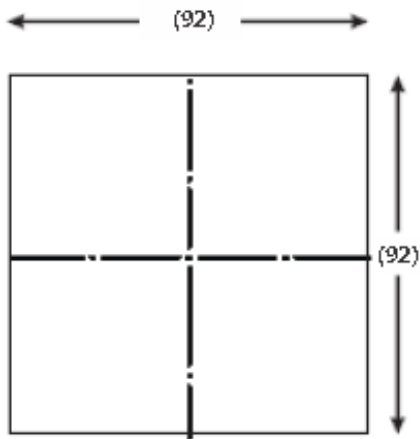
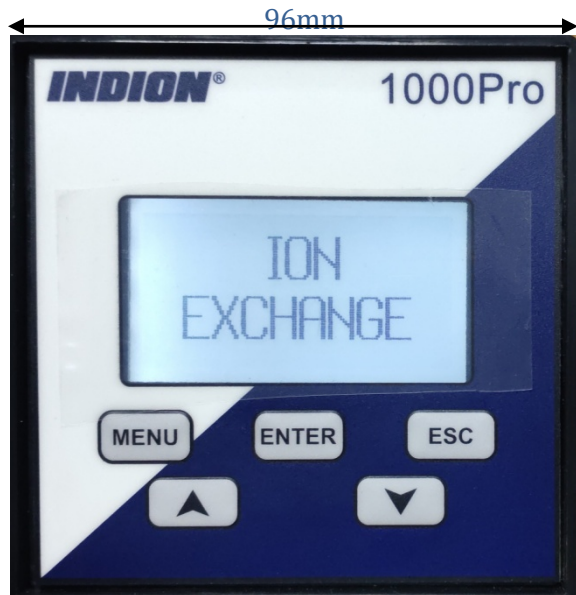
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|---------------------------------|--|
| Measurement | pH, ORP, Conductivity, TDS (Selectable Via Software) |
| Display | Graphic LCD with Backlit display |
| Display Dimension | 60*30 mm |
| Power Requirements | 100 – 270 VAC \pm 10%, 50/60 Hz |
| Operating condition | Temperature : 0 - 65°C, RH – 0-95% Non-condensing |
| Storage Condition | Temperature : 0 - 75°C, |
| Analog Output Signal | 4-20mA isolated current outputs, max 600 Ω |
| Analog Output Function | Retransmission |
| Relays | Two Nos. electromechanical SPDT ; 10A ;115/230 VAC |
| Relays Operation Mode | Control and Alarm |
| Digital Communication | Modbus RS 485 Output |
| Memory | Non Volatile |
| Calibration Methods | As per Sensor |
| Test / Maintenance | Provides Analog Output Test Signals to confirm operation of connected devices and Test Relay Operation |
| Enclosure | ABS |
| Enclosure Rating | IP 54 |
| Mounting | Panel |
| pH range | 0.00 to 14.00 pH |
| ORP Range | -2000 to 2000 mV |
| Conductivity Range | μ S/cm : 0.00-20.00, 0.0-200.0,0-2000 , mS/cm : 0.00-20.00 |
| TDS Range | ppm : 0.00-10.00, 0.0-100.0,0-1000 , ppt : 0.00-10.00 |
| Accuracy | pH \pm 0.2% of Reading ,ORP \pm 10 mV , Cond. \pm 1% of Reading |
| Temperature Compensation | Automatic or manual , Pt100 / Pt1000 |
| Calibration Methods | 2-point buffer (pH only), 1-point sample (pH or ORP) Conductivity / TDS - Zero point and 1 point sample |

MANUFACTURING UNIT: ION EXCHANGE INDIA LIMITED 105, SIPCOT, INDUSTRIAL COMPLEX, SIPCOT, HOSUR TAMIL NADU, INDIA
PHONE NO: 04344 304600. WEBSITE: www.ionindia.com

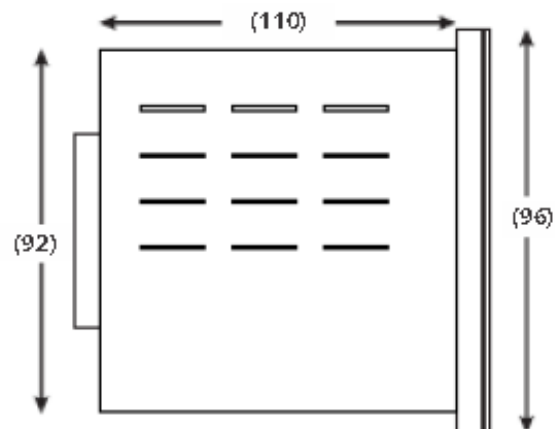
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MAHADEVAPURA POST, BANGALORE-560 048 INDIA, PHONE NO: 080220 42888, EMAIL: inst.sales@ionexchange.co.in



DIMENSION DETAILS: H*W*D (96*96*110) mm



PANEL CUT-OUT



SIDE VIEW

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