

DIFFERENTIAL PRESSURE TRANSMITTER



AI-DP1-Tx

DIFFERENTIAL PRESSURE TRANSMITTERS are Clean Room Differential Pressure Transmitters suited for applications in laminar air flow cabinets, clean rooms, biosafety cabinets, AHU, etc.

Differential pressure transmitters come with built in sensor & an analog 4-20mA, 2/4 Wire Output.

Options include a 3 digit LED Display & a RS 485 Modbus Protocol communication for integration to PLC/SCADA/EMS/BMS & it comes with 30 mm. Depth for clean room modular wall fitment.

Specifications

Pressure Measuring Range	: -10.0 to + 10.0 mm.W.C./-25.0 to +25.0 mm.W.C. / -50.0 to +50.0 mm.W.C./0.0 to +100.0 mm.W.C. / -100 to +100 Pascals/-250 Pascals. (Any other range factory set as per customer specifications)
Maximum Over Pressure	: 2 Times the rated pressure
Unit Selection	: Factory Fixed Selection for mm.W.C./Pascals/In.W.C. or any other standard engineering unit
Display	: Optional 3 Digit Red LED 7 Segment Display 0.8"
Sensor	: Integrated High Speed Differential Pressure Sensor
Power	: 24 Volts D.C. Typical
Output	: 4-20 mA Isolated, 2 Wire or 4 Wire (Choose Any One)
Medium	: Air or Gases (Non Corrosive)
Accuracy	: +/-0.5% of Full Scale
Size	: Instrument Back Box : 105 (W)×90(H)×30(D) mm. Stainless Steel Front Plate : 160 (W) x 140 (H) mm.
Connection	: 2 Nos. Hose Nipples of 4mm. Stainless Steel at the Back
Communication (Optional)	: Isolated RS485 Modbus Protocols
Construction	: M.S. Powder Coated Body with Stainless Steel (Options of Mirror Finish or Matte Finish) Front Flush Plate for Modular Wall Fitment in Clean Rooms



ACE INSTRUMENTS

(An ISO 9001-2008 Certified Company)

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