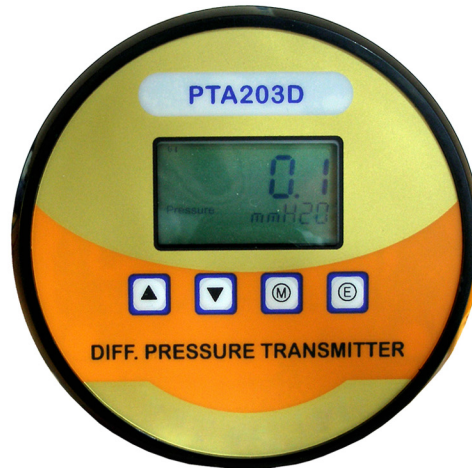


Pressure / Air Velocity / Air Flow

Differential Pressure Transmitter & Switch(2wire)

PTA 203D



GENERAL

PTA203D Digital Pressure Transmitter is the instrument which precisely measures differential, static, compound(\pm), vacuum, gauge pressures of air, or non-corrosive gas($\pm 0.5\%$). 5 Digit LCD display, current(4~20mA) output

Features : Communications (RS485) Air Velocity Meter(Option) Air Flow Meter(Option)

APPLICATIONS

- Semiconductor Equipment
- Heating, Ventilating and Air Conditioning (HVAC)
- Energy Management System
- Variable Air Volume and Fan Control (VAV)
- Environmental Pollution Control
- Oven Pressurization and Furnace Draft Controls

SPECIFICATIONS

GENERAL

Maximun Pressure(최대압력): Rated Range x 2

Media Compatibility(사용유체): Air, non-corrosive gas

Pressure Range(사용압력): 0~50Pascal to 0.5MPascal

ELECTRICAL

Power supply(전원공급) : DC24V(2wier)

Connection of Wier(결선) : 2 screw terminal block

Display(표시형태) : 5Digit LCD

PERFORMANCE AT 23°C

Accuracy(정밀도) : $\pm 0.5\%$ FSO(Includes Linearity, Hysteresis & Repeatability)

: $\pm 0.25\%$ FSO(option)

Operation Temperature(사용온도) : 0 to 70°C

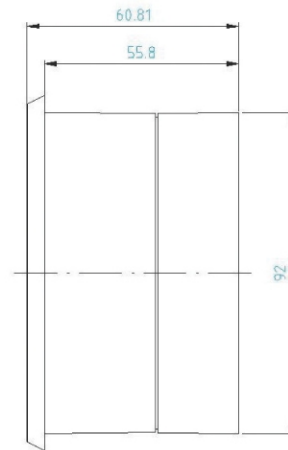
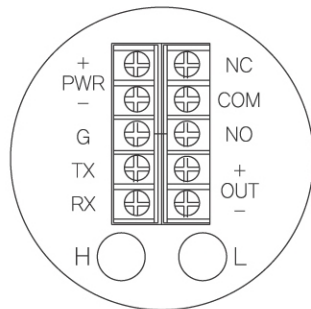
MECHANICAL

Pressure connections(압력연결) : 3/16" Nipple

Materials(외부재질) : PCABS mold resin

Weigat(중량) : 180g

Dimension >>>>



SPECIFICATIONS

TRANSMITTER

- Connection of Wier(결선) : 2 screw terminal block
- Output Signal(출력전류) : 4~20mADC(limited at 30mADC)
- Loop Resistance(폐회로저항) : 0~1100ohm

COMMUNICATIONS(Optional)

- RS485 modbus RTU

Ordering Information

PTA202D
(Model)

D

- A : Display Only
- B : Transmitter
- C : Switch
- D : Transmitter & Switch

A

- A : Absolute
- B : Both
- G : Gauge
- D : Differential
- V : Vacuum

100

Pressure Range (50Pa~0.5MPa)

M

- Pressure Unit
- M : mmH2O
 - KPa : KPascal
 - MPa : MPascal
 - IN : Inch/H2O
 - B : Bar

1

- 1 : DC24V
- 2 : AC85~265V
- 3 : DC12V

Air Velocity(AVT)
Air Velocity Range : 0~2m/s to 30m/s

※ Pressure Range & Unit available on Request