

PTA 102D



GENERAL

PTA102D Digital Pressure Gauge is the instrument which precisely measures differential, static, compound(±), vacuum, gauge pressures of air, or non-corrosive gas(±0.5%).
 Features : 4 Digit LED display, current(4~20mA), Voltage(1~5V) output, switch output, communications(RS485 modbus RTU).

APPLICATIONS

- 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 0.2MPascal 0~±50 to ±0.1MPascal |

ELECTRICAL

| | |
|--------------------------|------------------------|
| Power supply(전원공급) : | 24VDC or 85~265VAC |
| Connection of Wier(결선) : | 2 screw terminal block |
| Display(표시유형) : | 4Digit LED |

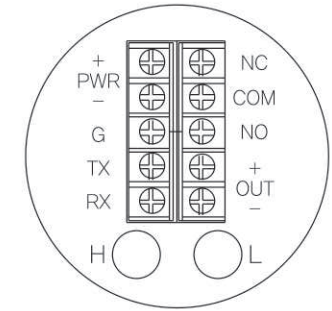
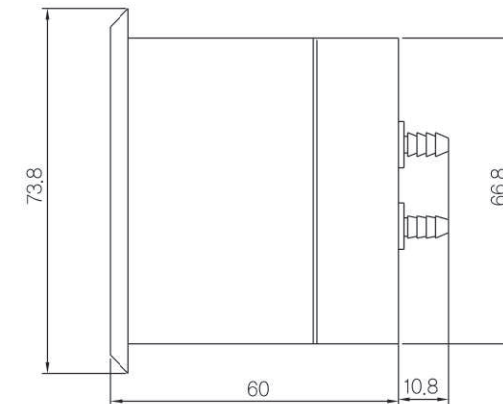
PERFORMANCE AT 23°C

| | |
|---------------------------------|--|
| Accuracy(정밀도) : | ±0.5% FSO(Includes Linearity, Hysteresis & Repeatability) ±0.25% Option |
| Operation Temperature(사용온도) : | -40~85°C |
| Compensated Temperature(보정온도) : | -20~85°C |

MECHANICAL

| | |
|------------------------------|------------------|
| Pressure connections(압력연결) : | 3/16" Nipple |
| Materials(외부재질) : | PCABS mold resin |
| Weigat(중량) : | 160g |

Dimension >>>>



SPECIFICATIONS

TRANSMITTER(Optional)

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

SWITCH(Optional)

| | |
|--------------------------|-----------------------|
| Relay Contact(릴레이출력) : | 1SPDT(NC-COM-NO) |
| Contact Rating(접점용량) : | 1A 30VDC |
| Connection of Wier(결선) : | 3Screw terminal block |
| Level setting(설정유형) : | Local setting |

STANDARD ACCESSORIES

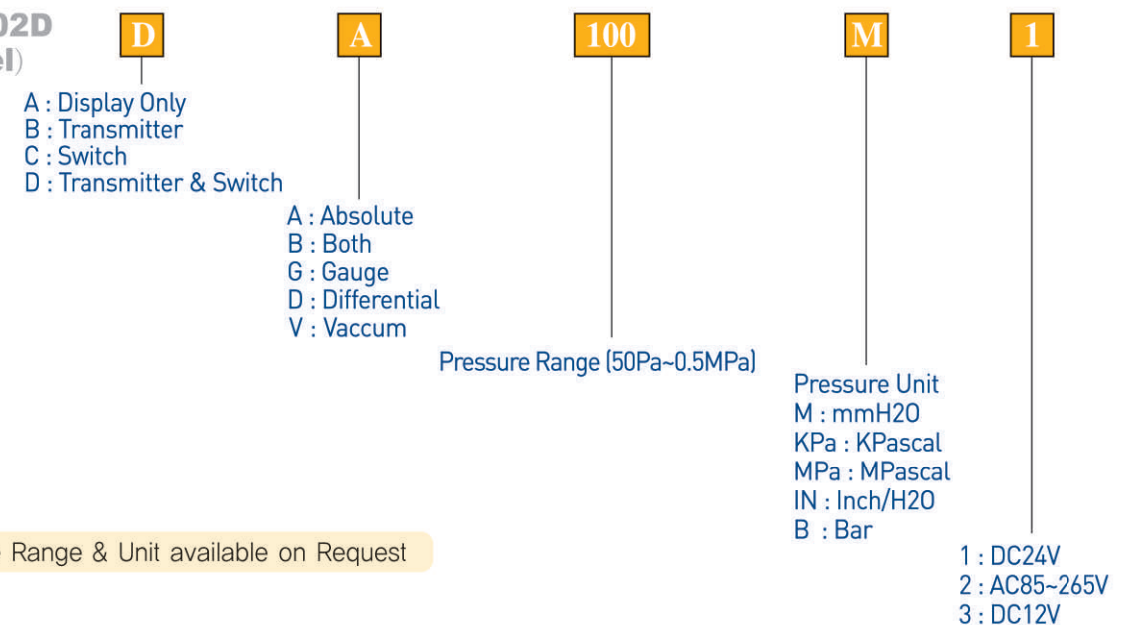
Panel braket & Bolts

COMMUNICATION(Optional)

RS485 MODBUS RTU

Ordering Information

PTA102D
(Model)



※ Pressure Range & Unit available on Request