

PTA 101A · 101D



PTA 101A



PTA 101D

GENERAL

PAT101D Digital Pressure Gauge is the instrument which precisely measures differential, static, compound(\pm), vacuum, gauge pressure of air, or non-corrosive gas($\pm 0.5\%$).

Features : 4Digit LCD display, current (4~20mA) communications (RS485).

Scale Adjustable (4~20mA-10:1, up to 500pascal)

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

Maximum Pressure : Rated Range $\times 3$

Media Compatibility : Air, non-corrosive gas

Pressure Range : 0~50Pascal to 0.3MPascal

ELECTRICAL

Power supply : DC24V

Connections : 2 screw terminal block

Warm up Time : 1 minutes

DISPLAY : 4 Digit LCD

PERFORMANCE AT 23°C

Zero Output : 4mA

Full Span Output : 20mA

Accuracy : ± 0.5 FSO (Includes Linearity, Hysteresis & Repeatability)
 $\pm 0.25\%$ Option

Operating Temperature : 0~70°C

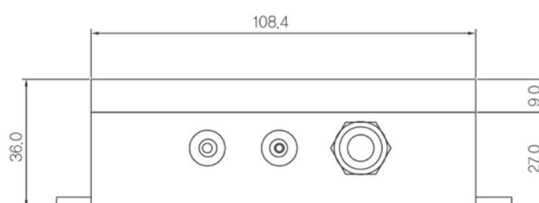
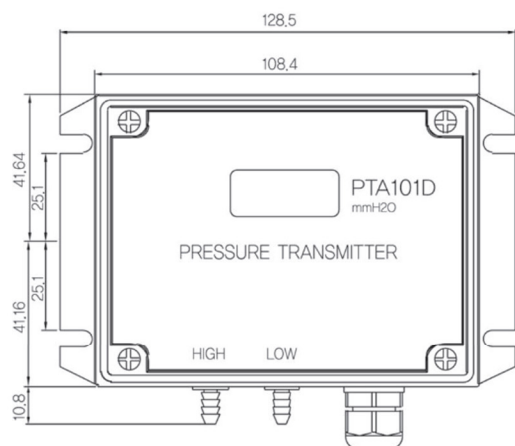
MECHANICAL

Pressure Connections : 3/16" Nipple

Materials : PCABS mold resin

Weight : 180g

Dimension >>>>



SPECIFICATIONS

TRANSMITTER

Output Signal : 4~20mA DC (limited at 40mADC)
1~5V DC

Loop Resistance : 0~1100 ohm

Zero & Span : One touch adjustable by Switch

STANDARD ACCESSORIES

Connection Bolt : 4 screws

COMMUNICATIONS

RS 485 Modbus RTU

Ordering Information

PTA101
(Model)

D

A : display x
D : display o

A

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

100

Pressure Range (50Pa~0.3MPa)

M

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

Air Velocity(AVT)

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

※ Pressure Range & Unit available on Request