

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

Operating Temperature : 0~70°C

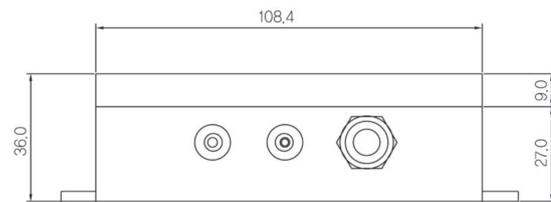
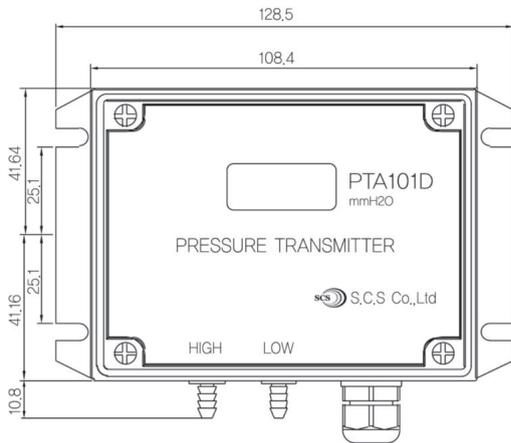
### MECHANICAL

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