

PTA 101D



GENERAL

PTA101D 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), Voltage(1~5V) output, RS485 Modbus RTU

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 0.2MPascal 0~ ± 50 to ± 0.1 MPascal

ELECTRICAL

Power supply(전원공급) :	DC24V
Connection of Wier(결선) :	2 screw terminal block
Display(표시형태) :	5Digit LCD

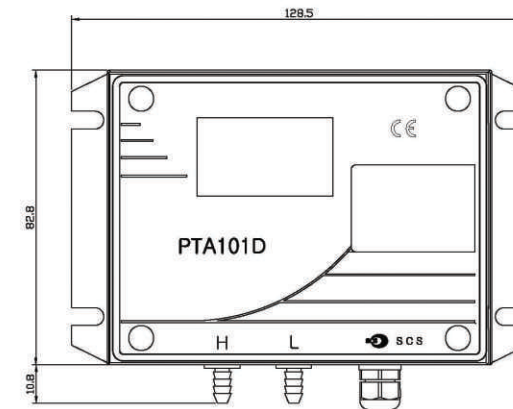
PERFORMANCE AT 23°C

Accuracy(정밀도) :	$\pm 0.5\%$ FSO(Includes Linearity, Hysteresis & Repeatability) $\pm 0.15\%$ FSO(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) :	175g

Dimension >>>>



SPECIFICATIONS

TRANSMITTER

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

STANDARD ACCESSORIES

Connection Bolt :	4 screws
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COMMUNICATIONS(Optional)

RS485 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

※ Pressure Range & Unit available on Request