

PTA 105D



GENERAL

PTA105D Digital Pressure Transmitter 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) output, 1SPDT switch output, communications(RS485 Modbus RTU), 48X48 Size

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 3
- Media Compatibility(사용유체) : Air, non-corrosive gas
- Pressure Range(압력범위) : 0-50Pascal to 0.2MPascal

ELECTRICAL

- Power supply(전원공급) : 24VDC
- Connection of Wier : 2screw terminal block
- Display(표시유형) : 4Digit LED(FND 0.4")

MECHANICAL

- Pressure connections(압력연결) : 3/16" Nipple
- Materials(외부재질) : PCABS mold resin
- Weigat(중량) : 90g

COMMUNICATIONS

- RS 485 Modbus RTU

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

TRANSMITTER(Optional)

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

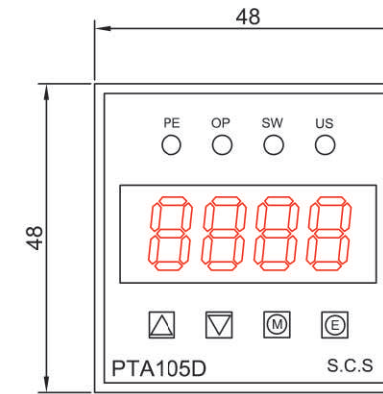
SWITCH(Optional)

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

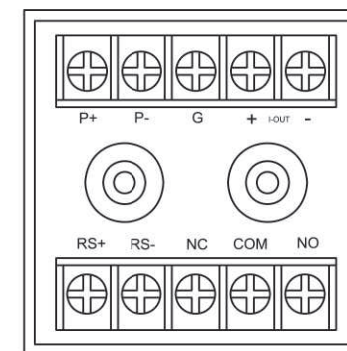
STANDARD ACCESSORIES

- Connections Bolts Braket

Dimension >>>>



Wiring >>>>



I/O	단 자	Function
INPUT	V+	POWER +24V
	V-	POWER COM
OUTPUT	NO	Switch (A 점접)
	COM	Switch COM
	NC	Switch (B 점접)
	I-OUT+	Current
	I-OUT-	4~20mA
RS+	RS485Communication	
RS-		

Ordering Information

PTA105D (Model)

