

PTA 103D-G



4 Digit LED Segment (4wire)



5Digit LCD Bar Graph (2wire)

GENERAL

- High precision pressure transmitter with local display
- Measuring ranges from 0~0.01 to 100Mpa
- Advanced piezo resistive silicon pressure sensor
- Excellent accuracy and long term stability
- Extremely high proof pressure
- Customized Led Segment(LCD) display with 4~20mA 4(2) wire Output Signal
- Ex d IIC T5, IP67
- 1SPDT Relay Contact
- RS 485 Modbus RTU.

SPECIFICATIONS

GENERAL

Maximun Pressure(최대압력) : Rated Range x 2
Media Compatibility(사용유체) : Air, Oil Liquid
Pressure Range(사용압력) : 0.01~100MPascal
0~~0.1MPascal

ELECTRICAL

Power supply(전원) : 24VDC or 85~265VAC
Connections(연결) : PF 1/2" Female
Display(표시방법) : 4Digit LED(FND 0.4")

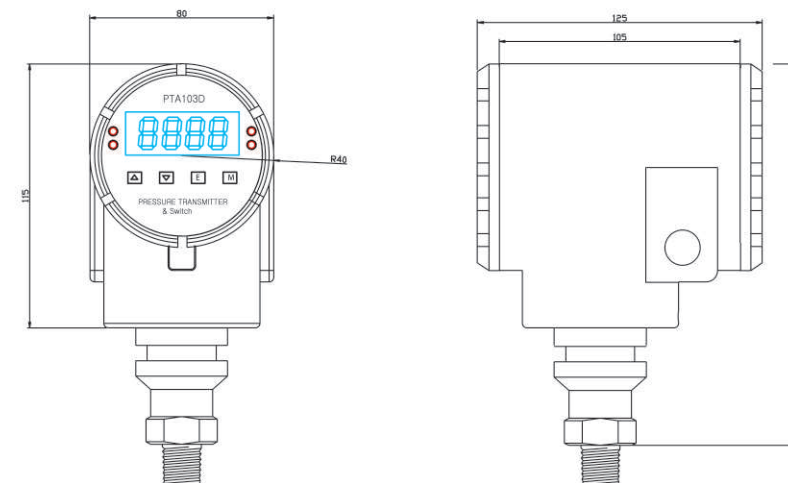
APPLICATIONS

- Standard hydraulic and pneumatic equipments
- Regulation system of transmission line LPG and LNG
- Machine tools and automatic machinery
- Flow control and water treatment
- Oil and off - shore industry
- Equipments for chemical petro chemical industry
- Automation system and plant engineering
- Liquid level measurement

PERFORMANCE AT 23°C

Zero Output(영점출력) : 4mA
Full Span Output(최대출력) : 20mA
Accuracy(정밀도) : ±0.25% FSO (Includes Linearity, Hysteresis & Repeatability)
±0.15% Option
Operation Temperature(사용온도) : -40~125°C
Compensated Temperature(보정온도) : 0~85°C

Dimension >>>>



SPECIFICATIONS

MECHANICAL

Process connections(압력연결구) : PT 1/4", 3/8", 1/2" male thread	other connections available on request
Process media(접속구) : Compatible with stainless steel 316	
Materials(재질) : Wetted part(유체접촉) : stainless steel 316	
Housing(몸체) : Aluminum Die-casting	
Enclosure rating(보호등급) : Ex d IIC T5, IP67	
Weigat : Approx.(1.6kg)	

COMMUNICATIONS

RS485 Modbus RTU

TRANSMITTER(Optional)

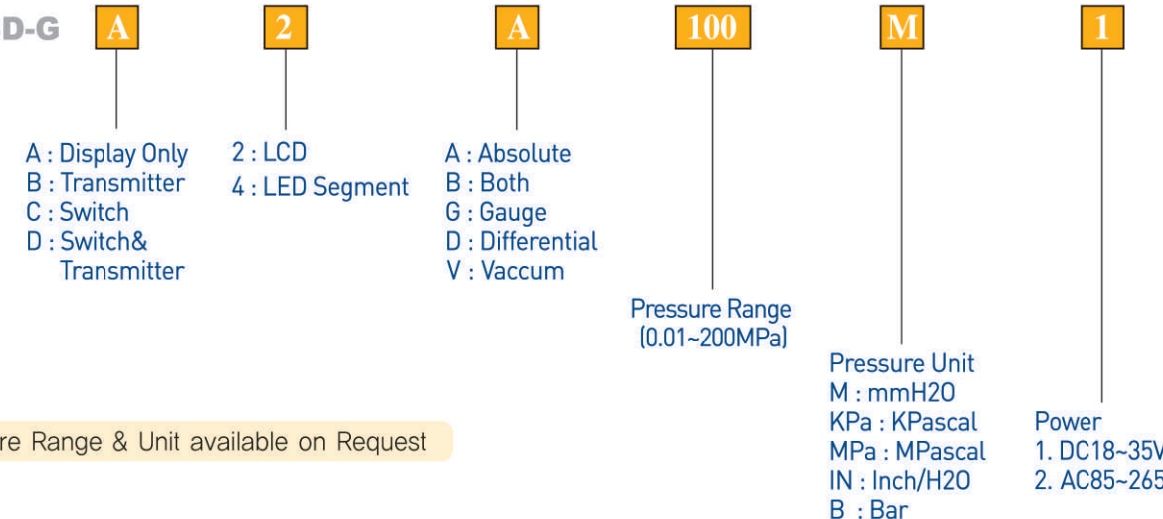
Output Signal(출력전류) : 4~20mADC(limited at 30mADC)
Loop Resistance(폐회로저항) : 0~1100ohm
Zero & Span(설정) : One touch adjustable on Pannel

SWITCH(Optional)

Relay Contact(릴레이출력) : 1SPDT(NC-COM-NO)
Contact Rating(접점용량) : 2A 30VDC
Connections(연결) : 3Screw terminal block
Level setting(설정) : Local setting

Ordering Information

PTA103D-G (Model)



※ Pressure Range & Unit available on Request