

PTA 103D-G



GENERAL

- High precision pressure transmitter with local display
- Measuring ranges from 0~0.01 to 100Mpa
- Advanced piezoresistive 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
- Exd IIC T6, IP67
- 1SPDT Replay Contact • RS 485 Modbus RTU.

SPECIFICATIONS

GENERAL

Maximum Pressure :	Rated Range×3
Media Compatibility :	Air, oil Liquid
Pressure Range :	Air : 0~200pascal to 0.2Mpa Liquid : 0.01~200Mpa

ELECTRICAL

Power supply :	DC24V
Connections :	PF 1/2", Female
Warm up Time :	1 minutes
DISPLAY :	4 Digit LED Segment(LCD)

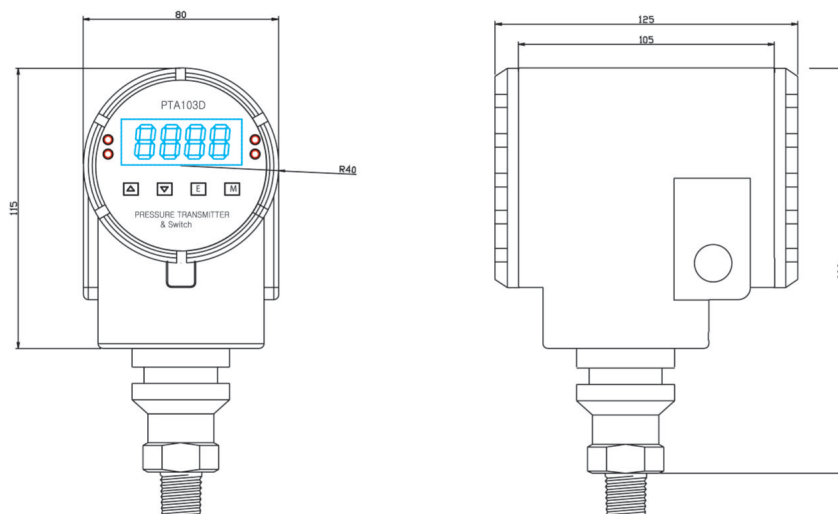
APPLICATIONS

- 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 petrochemical industry
- Automation system and plant engineering
- Liquid level measurement

PERFORMANCE AT 23°C

Zero Output :	4mA
Full Span Output :	20mA
Accuracy :	± 0.5FSO (Includes Linearity, Hysteresis & Repeatability) ±0.25% Option
Operating Temperature :	0~70° C

Dimension >>>>



SPECIFICATIONS

MECHANICAL

Process connection	PT1/4", PT3/8", PT1/2" male thread Other connections available on request
Process media	Compatible with stainless steel 316
Materials	Wetted part : Stainless steel 316
Housing	Aluminum Die-casting
Enclosure rating	IP67
Weight	Approx.(1,5kg)

TRANSMITTER

Output Signal	4~20mA DC (limited at 40mADC)
Loop Resistance	0~1100 ohm
Zero & Span	One touch adjustable on Panel

SWITCH

Relay Contact	1SPDT(NC-COM-NO)
Contact Rating	2A 30V DC
Connections	3 Screw terminal block
Level Setting	Local Setting

COMMUNICATIONS

RS 485 Modbus RTU, RS 232

Ordering Information

PTA103D-G
(Model)

A	2	A	100	M	1
A : Display Only B : Transmitter C : Switch D : Switch & Transmitter	2 : LCD 4 : LED Segment	A : Absolute B : Both G : Gauge D : Differential V : Vacuum	Pressure Range [0.01~200MPa]	Pressure Unit M : mmH2O KPa : KPascal MPa : MPascal IN : Inch/H2O B : Bar	Power 1. DC18~35V 2. AC85~265

※ Pressure Range & Unit available on Request