

PTA 103D-D



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.

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

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)

PERFORMANCE AT 23°C

Zero Output : 4mA

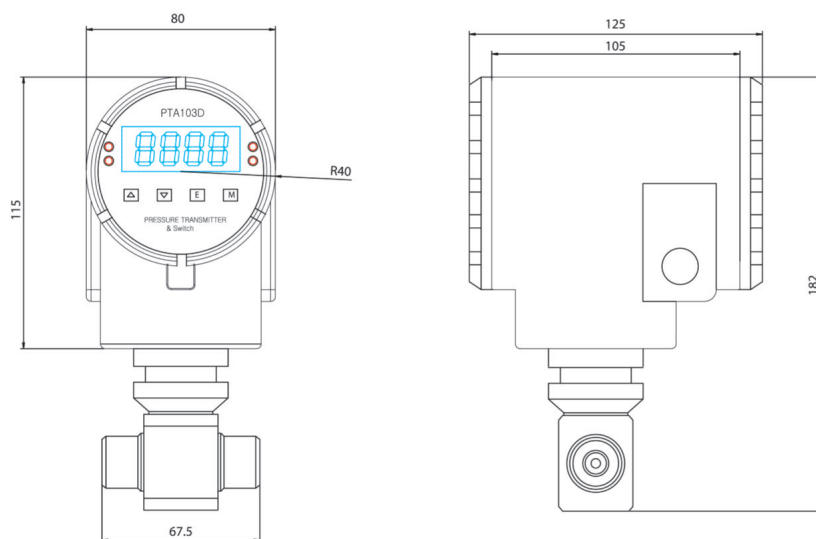
Full Span Output : 20mA

Accuracy : ± 0.5FSO (Includes Linearity, Hysteresis & Repeatability)

±0.25% Option

Operating Temperature : 0~70°C

Dimension >>>>



SPECIFICATIONS

MECHANICAL

Process connection	: NPT 1/4" Female
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-D
(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