

Pressure Transmitter

171 PT

INTRODUCTION

Pressure Transmitter 171 PT is a piezo-resistive pressure transmitter that converts pressure into current utilizing a specialized circuit board and very stable and dependable pressure sensor. This product is utilized in a variety of industrial sectors, including water, petroleum, chemical, electric power, etc., to measure and control process pressure parameters.

FEATURES

- Reliable Performance, Easy Application
- Short circuit protection and reverse polarity protection
- Compact size
- With Display and Without Display Option available
- Measures Pressure & Current.

DISPLAY VERSIONS

1) With Display



2) Without Display



SPECIFICATIONS

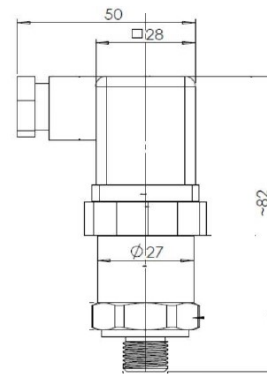
Sr.No.	Category	Parameter Name	Parameter Description
1	General	Operating Sensor	Piezo-resistive Sensor
2		Typical Application	Water
3	Specification	Type	1) Gauge Type 2) Absolute Type
4		Measuring Range	Gauge Pressure : 1) 0 to 2.5 bar 2) 0 to 10 bar 3) 0 to 16 bar 4) 0 to 20 bar 5) 0 to 30 bar
5		Measurement Media	Liquid Water
6		Display Version	1) With Display 2) Without Display
7		Display Parameter	Pressure (Only With Display Instrument)
8		Accuracy	±0.5% of Full Scale
9		Power Supply	2 Wire 24 VDC @600Ω
10		Electrical Connection	DN43650 Plug or M12 Connector
11		Analog Output	2 Wire, 4-20mA @600Ω
12		Over Pressure Range	1.2 Times Over the Range
13	Construction	Transmitter Housing Enclosure	SS316L
14		Plug Housing	Plastic
15		Pressure Port	SS316L
16		Diaphragm	Stainless Steel SS316L
17		Process Connection & Material	1) G1/4" Male Threaded in stainless Steel SS316L 2) G1/2" Male Threaded in stainless Steel SS316L 3) NPT1/4" Male Threaded in stainless Steel SS316L
18		Sealing Gasket	Viton
19		Cable Length	Ø7.5mm Polyethylene Special Cable
20		Protection class	IP 65
21		Environmental	Ambient Temperature

MECHANICAL DIMENSION

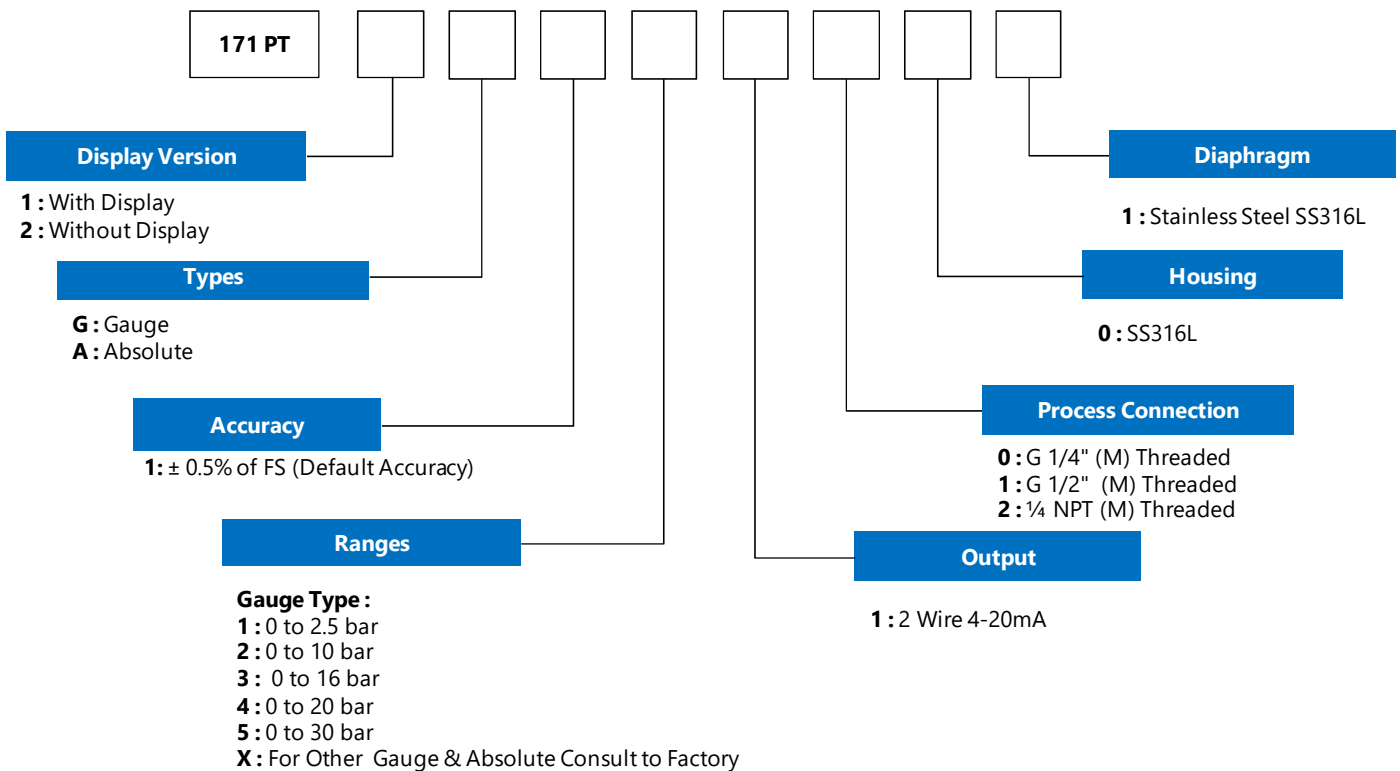
1) With Display



2) Without Display



ORDERING CODE:



NOTE: Pressure Transmitter With Display only Provide the 4-20mA output.

If want the 4 -20mA + HART Output for Pressure Transmitter with display then select the Intelligent Pressure Transmitter (171 IPT).

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