

Main Specifications

▼ Dimension

62 x 50mm

▼ Process connection

Tri-clamp

▼ Pressure range

Gauge / Absolute pressure

Min.: -1 bar

Max.: 600 bar

▼ Applicable media

Liquid and gas that compatible with SS316L or ceramic

Viscous fluid

▼ Operating temperature

-20 to 85°C

▼ Protection level

IP65

Other Specifications

▼ Housing material

SS304 / SS316L (Option)

▼ Measuring element

Flush diaphragm

Material: SS316L / Ceramic

▼ Power supply

12~36VDC (standard 24V)

▼ Output Signal

4~20mA / 0~20mA / 0~5V /

0~10V / 1~5V

▼ Load capacity

≤ 750Ω

▼ Response time

≤ 1ms

▼ Accuracy

0.1% / 0.25% / 0.5%

▼ Non-linear accuracy

0.2% F.S.

▼ Hysteresis

0.2% F.S.

▼ Repeatability

0.2%% F.S.

▼ Zero drift

≤ 0.1%F.S

▼ Temperature drift

≤ 0.02%F.S/°C (@25°C)

▼ Overpressure pressure

2*F.S.

▼ Service life

> 900 million cycles

▼ Weight

90g

▼ Other requests (Option)

Third party notarized

documents

Inspection report

(issued by Re-Atlantis)

Tag

Flush Diaphragm Pressure Transmitter

Model: FDPT-9

Introduction

FDPT-9 pressure transmitter adopts flush diaphragm structure, which is specially design for viscous fluid pressure measurement. It has been applied to petroleum, chemical, electrical, hydraulic, pneumatic, energy industry, water treatment, automatic equipment, and industry process control.



Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- Flush process connection, suitable for viscous fluid pressure measurement
- Fast installation
- The open design allowing easy cleaning, and blind space has been eliminated to prevent impurity generated
- Suitable for sanitary required environment

How to Order

FDPT-9		Flush Diaphragm Pressure Transmitter						
Code	Pressure range							
Custom	-1...0~600bar							
Code	Pressure connection							
TC	Tri-clamp							
O	Other (please specify)							
Code	Accuracy							
A	0.1%							
B	0.25%							
C	0.5%							
Code	Output Signal							
1	0~5V							
2	0~10V							
3	1~5V							
4	4-20mA							
5	0~20mA							
Code	Power supply							
24V	12~36VDC (standard 24V)							
Code	Diaphragm material							
SS	SS316L							
C	Ceramic							
FDPT-9	0~6bar	C	B	4	24V	SS	Example: FDPT-9-0~6bar-C-B-4-24V-SS	