

Main specifications

▼ Type

FDPT(MP)

▼ Process connection

Material: SS316L

Flush connection

G 1/2"

M20 x 1.5

Rubber O-ring sealed

▼ Electrical connection

Hirschmann connector DIN43650 /

Cable outlet

▼ Pressure range

0/500mbar ~ 0/900mbar

0/100mbar ~ 0/900mbar

▼ Applicable fluid

Corrosive or viscous media that compatible with connection's material

▼ Operating temperature

-20 to 85°C

▼ Protection level

IP65 (standard)

IP66 (cable outlet)

Other specifications

▼ Case material

SS304

▼ Power supply

24VDC

▼ Output signal

2-wire :

4~20mA

3-wire :

0-5V / 0-10V

▼ Load resistance

900Ω

▼ Accuracy

0.1% / 0.5%

(0~100mbar, accuracy 0.5% only)

▼ Linear accuracy

0.05%

▼ Temperature compensation

-10 to 70°C

▼ Temperature drift

Standard: $\pm 0.02\%/^{\circ}\text{C}$ (Option: $\pm 0.01\%/^{\circ}\text{C}$)

▼ Stability

0.2%/year for accuracy 0.5%

▼ Overpressure

2*F.S.

▼ Weight

215g

Flush Diaphragm Pressure Transmitter

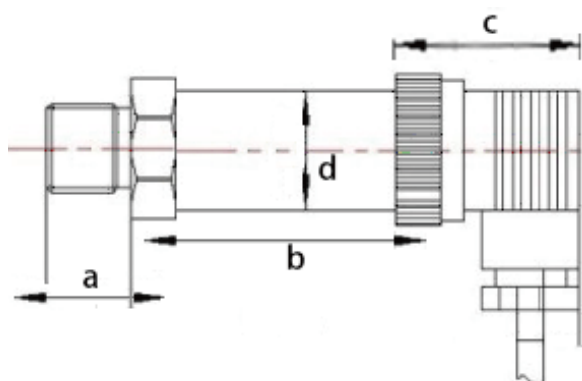
Model: FDPT(MP)-Series

Introduction

FDPT(MP) series flush diaphragm pressure transmitter adopts flush connection design. The blind space has been eliminated to prevent impurity generated, making FDPT(MP) series transmitter suitable for corrosive or viscous media pressure measurement.



Dimension




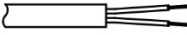
Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

Features

- OEM service
- Flush process connection is designed for sanitary-required environment such as food industry
- High anti-interference, great electric linearity and low temperature drift coefficient
- High reliability, shock and abrasion resistance
- Field zero and span adjustment

Electrical connector

Hirschmann connector DIN43650			
		2-wire (current)	3-wire (voltage)
	Supply+	1	1
	Signal+	2	3
	Gnd	-	2

Cable outlet			
		2-wire (current)	3-wire (voltage)
	Supply+	Red	Red
	Signal+	Black	Green
	Gnd	-	Black

How to order

FDPT(MP)								Flush Diaphragm Pressure Transmitter	
Code		Pressure connection							
G		G 1/2"							
O		Other (please specify)							
Code		Pressure range							
Custom		0/500mbar ~ 0/900mbar							
Custom		0/100mbar ~ 0/900mbar							
Code		Output signal							
2A		4-20mA							
3V1		0-5V							
3V2		0-10V							
Code		Electrical connector							
H		Hirschmann connector DIN43650							
C		Cable outlet							
Code		Accuracy							
A		0.1%							
B		0.5%							
Code		Other request							
/A		Third party notarized documents							
/B		Inspection report (issued by Re-Atlantis)							
/C		Tag							
/D		Temp. drift - $\pm 0.01\%$ F.S./°C							
FDPT(MP)	G	0~300 mbar	2A	H	B	/A	Order example: FDPT(MP)G-0~300mbar-2A-H-B-/A		