

Main specifications	Other specifications
<b>▼ Type</b> FDPT(MP)	<b>▼ Case material</b> SS304
<b>▼ Process connection</b> Material: SS316L Flush connection G 1/2" M20 x 1.5 Rubber O-ring sealed	<b>▼ Power supply</b> 24VDC <b>▼ Output signal</b> 2-wire : 4~20mA 3-wire : 0-5V / 0-10V
<b>▼ Electrical connection</b> Hirschmann connector DIN43650/ Cable outlet	<b>▼ Load resistance</b> 900Ω <b>▼ Accuracy</b> 0.1% / 0.5% (0~100mbar, accuracy 0.5% only)
<b>▼ Pressure range</b> 0/500mbar ~ 0/900mbar 0/100mbar ~ 0/900mbar	<b>▼ Linear accuracy</b> 0.05% <b>▼ Temperature compensation</b> -10 to 70°C
<b>▼ Applicable fluid</b> Corrosive or viscous media that compatible with connection's material	<b>▼ Temperature drift</b> Standard: ±0.02%/°C (Option: ±0.01%/°C)
<b>▼ Operating temperature</b> -20 to 85°C	<b>▼ Stability</b> 0.2%/year for accuracy 0.5%
<b>▼ Protection level</b> IP65 (standard) IP66 (cable outlet)	<b>▼ Overpressure</b> 2*F.S. <b>▼ Weight</b> 215g

## Flush Diaphragm Pressure Transmitter

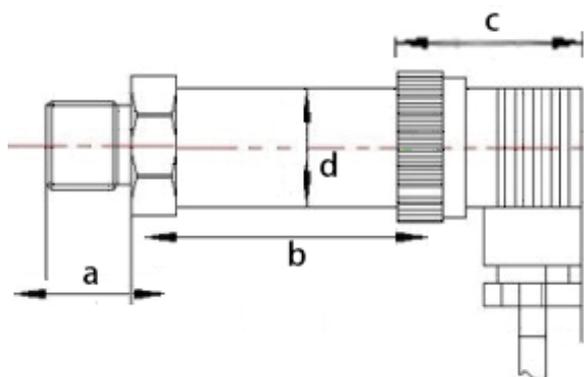
### Model: FDPT(MP)-Series

### 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)-Series Flush Diaphragm Pressure Transmitter										
Std.	Spec.	Code	Item	Code	Item	Code	Item	Code	Item	
G	Pressure connection	G	G 1/2"	P	Other (please specify)	-	-	-	-	
Custom	Pressure range	0/500mbar ~ 0/900mbar 0/100mbar ~ 0/900mbar								
mA	Output signal	mA	4-20mA	5V	0-5V	10V	0-10V	-	-	
H	Electrical connector	H	Hirschmann connector DIN43650	C	Cable outlet	-	-	-	-	
05	Accuracy	01	±0.1%	05	±0.5%	-	-	-	-	
/B	Other requests	/A	Third party notarized document							
		/B	Inspection report (issued by Re-Atlantis)							
		/C	Tag							
		/D	Temp. drift - ±0.01%F.S./°C							

Order example: FDPT(MP) - G - (0~300 mbar) - mA - H - 05 - /B