

Main specifications	Other specifications
<p>▼Type</p> <p>FDPT (Standard)</p> <p>FDPT-HT (High temperature)</p> <p>▼Process connection</p> <p>Material: SS316L</p> <p>Flush connection</p> <p>G 1/2"</p> <p>M20 x 1.5</p> <p>Rubber O-ring sealed</p> <p>▼Electrical connection</p> <p>Hirschmann connector DIN43650 / Cable outlet</p> <p>▼Pressure range</p> <p>0...1 to 100bar</p> <p>▼Applicable fluid</p> <p>Corrosive or viscous media that compatible with connection's material</p> <p>▼Operating temperature</p> <p>FDPT▼</p> <p>-20 to 85°C</p> <p>FDPT-HT▼:</p> <p>-20 to 150 °C</p> <p>▼Protection level</p> <p>IP65 (standard)</p> <p>IP66 (cable outlet)</p>	<p>▼Case material</p> <p>SS304</p> <p>▼Power supply</p> <p>24VDC</p> <p>▼Output signal</p> <p>2-wire :</p> <p>4~20mA</p> <p>3-wire :</p> <p>0-5V / 0-10V</p> <p>▼Load resistance</p> <p>900Ω</p> <p>▼Accuracy</p> <p>0.1% / 0.25% / 0.5%</p> <p>▼Linear accuracy</p> <p>0.05%</p> <p>▼Temperature compensation</p> <p>-10 to 70°C</p> <p>▼Temperature drift</p> <p>Standard: ±0.02%/°C</p> <p>(Option: ±0.01%/°C)</p> <p>▼Stability</p> <p>0.2%/year for accuracy 0.5%</p> <p>▼Overpressure</p> <p>2*F.S.</p> <p>▼Weight</p> <p>215g</p>

Flush Diaphragm Pressure Transmitter

Model: FDPT-Series

Introduction

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

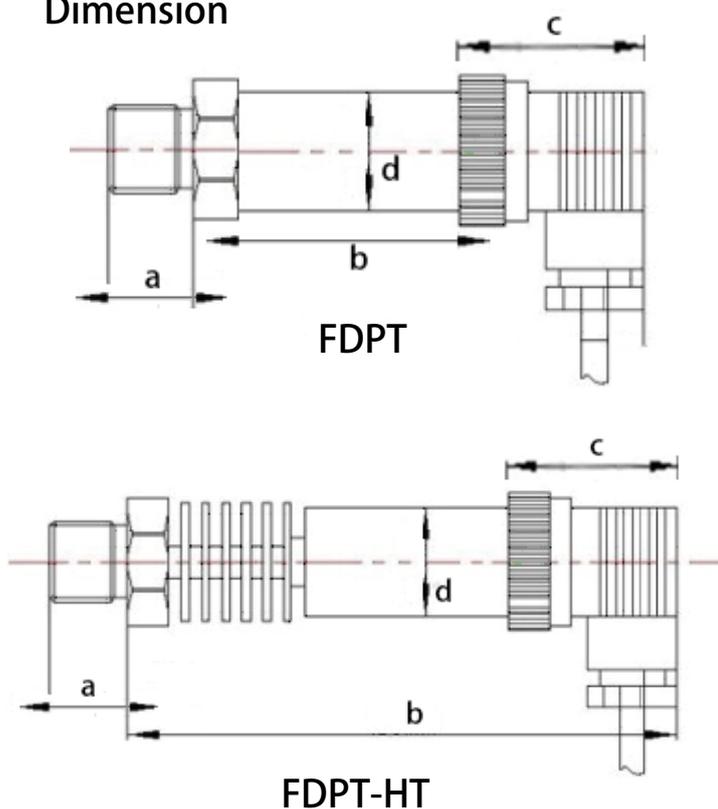


Standard type



High temperature type

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		Flush Diaphragm Pressure Transmitter									
FDPT	Code	Operating temperature range									
	N	-20 to 85°C (Normal type)									
	HT	-20 to 150°C (High temperature type)									
		Code	Pressure connection								
		G	G 1/2"								
		O	Other (please specify)								
			Code	Pressure range							
			Custom	0...1 to 100 bar							
				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	0.25%					
					C	0.5%					
						Code	Other request				
						/A	Third party notarized documents				
						/B	Inspection report (issued by Re-Atlantis)				
						/C	Tag				
						/D	Ultra high temp: -20 to 250°C				
						/E	Temp. drift - ±0.01%F.S./°C				
FDPT	N	G	0~16bar	2A	H	C	Order example: FDPT-N-G-0~16bar-2A-H-C				