

Main Specifications	Other Specifications
<p>▼ <b>Pressure connection</b> Material: stainless steel G1/2" , G1/4" M20x1.5, M14x1.5 Other thread types are available made-to-order</p> <p>▼ <b>Electrical connector</b> Cable outlet Length: 10M</p> <p>▼ <b>Pressure type &amp; range</b> -100kPa...0~10kPa to 100MPa Please refer to the typical measurement scale table</p> <p>▼ <b>Output signal</b> 4~20mA / 1~5V / 0~5V</p> <p>▼ <b>Applicable fluid</b> Liquid and gas that compatible with SS316L</p> <p>▼ <b>Operating temperature</b> -20 to 85°C</p> <p>▼ <b>Media temperature</b> -20 to 85°C</p> <p>▼ <b>Storage temperature</b> -40 to 125°C</p> <p>▼ <b>Protection level</b> IP65</p> <p>▼ <b>Explosion-proof class</b> Exia II CT6</p>	<p>▼ <b>Case material</b> Stainless steel</p> <p>▼ <b>Power supply</b> 12VDC / 24VDC</p> <p>▼ <b>Measuring elements</b> Piezoresistive silicone chip &amp; isolated diaphragm Material: SS316L</p> <p>▼ <b>Zero &amp; span drift</b> ±1.5% F.S.</p> <p>▼ <b>Accuracy</b> 0.5% F.S. (Option: 0.3%F.S.)</p> <p>▼ <b>Stability</b> ±0.2% F.S. / year</p> <p>▼ <b>Response time</b> ≤1ms (up to 90% F.S.)</p> <p>▼ <b>Insulation resistance</b> 100MΩ / 250VDC</p> <p>▼ <b>Overpressure</b> 1.5*F.S.</p> <p>▼ <b>Temperature compensation</b> -10 to 70°C</p> <p>▼ <b>Vibration resistance test</b> 20g (20-5000Hz)</p> <p>▼ <b>Impact resistance test</b> 100g (11ms)</p> <p>▼ <b>Other requests (Option)</b> Third party notarized document Inspection report (issued by Re-Atlantis) Tag Explosion-proof certification Extend cable length (standard 10M) Adapts the other kind of thread</p>

## Explosion-proof Pressure Transmitter Model: PTX-302

### Introduction

PTX-302 adopts stainless material with integrated welded structure design to ensuring its explosion-proof performance. The rigid and compact design with vibration-proof, waterproof and explosion-proof performance makes PTX-302 suitable for pressure measurement in the hazardous environment.



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

- Explosion-proof class Exia II CT6
- Protection level IP65
- All stainless steel welding design
- Great tightness, long service life
- Wide pressure measurement range:  
-100kPa...0~10kPa to 100MPa
- Anti-vibration, anti-impact, and anti-corrosive performance

### Typical measurement scale table

Gauge pressure		Sealed gauge pressure		Absolute pressure	
Code	Range	Code	Range	Code	Range
G1	-100kPa~0	S1	0~10MPa	A1	0~0.1MPa
G2	0~10kPa	S2	0~20MPa	A2	0~0.2MPa
G3	0~20kPa	S3	0~25MPa	AO	Others
G4	0~50kPa	S4	0~40MPa		
G5	0~100kPa	S5	0~60MPa		
G6	0~200kPa	S6	0~80MPa		
G7	0~500kPa	S7	0~100MPa		
G8	0~1MPa	SO	Others		
G9	0~2MPa				
G10	0~5MPa				
GO	Others				

### How to order

PTX-302		Explosion-proof Pressure Transmitter				
		Code	Pressure connection			
		4G	G1/2"			
		2G	G1/4"			
		M14	M14x1.5			
		M20	M20x1.5			
		O	Others			
			Code	Pressure type & range		
			G8	Please refer to the typical measurement scale table and select corresponding code		
				Code	Output signal	
	A1			4...20mA		
	V1			1...5V		
	V2			0...5V		
			Code	Accuracy		
			A	0.3%F.S.		
			B	0.5%F.S.		
		Code	Power supply			
		12V	12VDC			
		24V	24VDC			
PTX-302	4G	G8	A1	B	24V	Order example: PTX-302-4G-G8-A1-B-24V