

Main Specifications	Other Specifications
<p>▼ Pressure connection Material: stainless steel G1/2" , G1/4" M20x1.5, M14x1.5 Other thread types are available made-to-order</p> <p>▼ Electrical connector Cable outlet Length: 10M</p> <p>▼ Pressure type & range -100kPa...0~10kPa to 100MPa Please refer to the typical measurement scale table</p> <p>▼ Output signal 4~20mA / 1~5V / 0~5V</p> <p>▼ Applicable fluid Liquid and gas that compatible with SS316L</p> <p>▼ Operating temperature -20 to 85°C</p> <p>▼ Media temperature -20 to 85°C</p> <p>▼ Storage temperature -40 to 125°C</p> <p>▼ Protection level IP68</p> <p>▼ Flameproof class Exd II BT6</p>	<p>▼ Case material Stainless steel</p> <p>▼ Power supply 12VDC / 24VDC</p> <p>▼ Measuring elements Piezoresistive silicone chip & isolated diaphragm Material: SS316L</p> <p>▼ Zero & span drift ±1.5% F.S.</p> <p>▼ Accuracy 0.5% F.S. (Option: 0.3%, 0.1%F.S.)</p> <p>▼ Stability ±0.2% F.S. / year</p> <p>▼ Response time ≤1ms (up to 90% F.S.)</p> <p>▼ Insulation resistance 100MΩ / 250VDC</p> <p>▼ Overpressure 1.5*F.S.</p> <p>▼ Temperature compensation -10 to 70°C</p> <p>▼ Vibration resistance test 20g (20-5000Hz)</p> <p>▼ Impact resistance test 100g (11ms)</p> <p>▼ Other requests (Option) 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>

Flameproof Pressure Transmitter

Model: PTX-301

Introduction

PTX-301 adopts stainless material with integrated welded structure design to ensuring its flameproof performance. The rigid and compact design with vibration-proof, waterproof and flameproof performance makes PTX-301 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

- Flameproof class Exd II BT6
- Protection level IP68
- 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				
G0	Others				

How to order

PTX-301		Flameproof 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-301	4G	G8	A1	B	24V	Order example: PTX-301-4G-G8-A1-B-24V