
PCM400 Industrial Pressure Transmitter

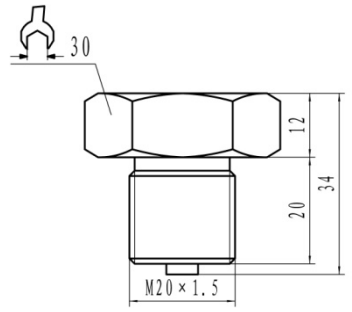
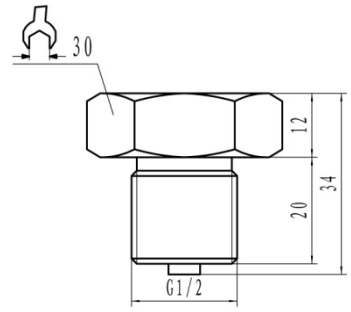
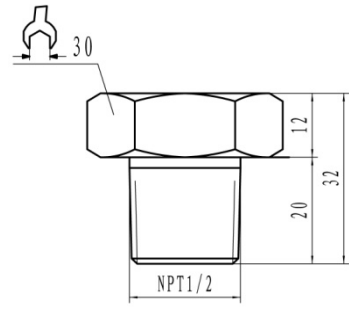


- Piezoresistive silicon chip employed
- Solid well sealed aluminum alloy junction box adopted, convenient for outdoor installation and use
- Pressure measurement for gases, liquids and vapors
- Wide pressure measuring range
- LCD option
- A variety of output signals can be selected, customization available

PCM400 Industrial Pressure Transmitter uses high performance, high stability OEM core as the pressure signal measuring element. The sensor signal is converted into standard signal output through special signal processing. The product has passed long-term aging and stability screening with stable and reliable performance and can be used in harsh outdoor environment. Meanwhile the pressure can be displayed on site. This series of products are widely used in industrial process control, petroleum, chemical, metallurgical and other industries.

Pressure range	
Pressure range	-100KPa, 10KPa, 35KPa, 70KPa, 100KPa, 250KPa, 400KPa, 600KPa, 1MPa, 1.6MPa, 2.5MPa, 4MPa, 6MPa, 10MPa, 16MPa, 25MPa, 40MPa, 60MPa, 100MPa
Pressure reference	Gauge pressure Absolute pressure Sealed gauge pressure
Overpressure	200%F.S.
Output signal	
Output	4 to 20mA 1 to 5V 0 to 5V 0.5 to 4.5V 0 to 10V
Specification	
Accuracy (linearity, repeatability and hysteresis)	±0.5%F.S. ±0.3%F.S.
Excitation	24VDC 12VDC
Operating temp.	-20-85°C
Medium temp.	-20-85°C
Storage temp.	-40-125°C
Zero temp. coefficient	±1.5%F.S.max.(-20-85° C)
Span temp. coefficient	±1.5%F.S.max.(-20-85° C)
Pressure connection	see last page "how to order"
Mechanical vibration	20g(20 to 5000HZ)
Shock	100g(11ms)
Insulation	100MΩ/250VDC
Response time	≤1ms(up to 90%FS)
Long term stability	≤0.2%F.S.S/year
EMC surge	(IEC61000-4-5) 2KV
EMC static	(IEC61000-4-2) 8KV for contact discharge, 15K for air discharge
Protection	IP65
Ex-proof	EXIA II CT6
Material	Low copper aluminum alloy for shell, 316L for isolation diaphragm
Medium compatibility	All kinds of media compatible with 316L stainless steel

Type	J1: 2088 housing	J2: 2088 housing with display	J10: 133 housing
Dimension in mm			
Connection mode (current output)			
Connection mode (voltage output)		<p>—</p>	<p>—</p>

Thread	C1: M20×1.5	C2: G1/2	C7: NPT1/2
Dimension in mm			

How to order

