

## CHANGSHA TAIHE ELECTRONIC EQUIPMENT CO.,LTD.

Pressure Sensor | Temperature Sensor | Liquid Level Sensor | Load Cell | Smart Instruments

Position sensor | Torque | Internet of Things



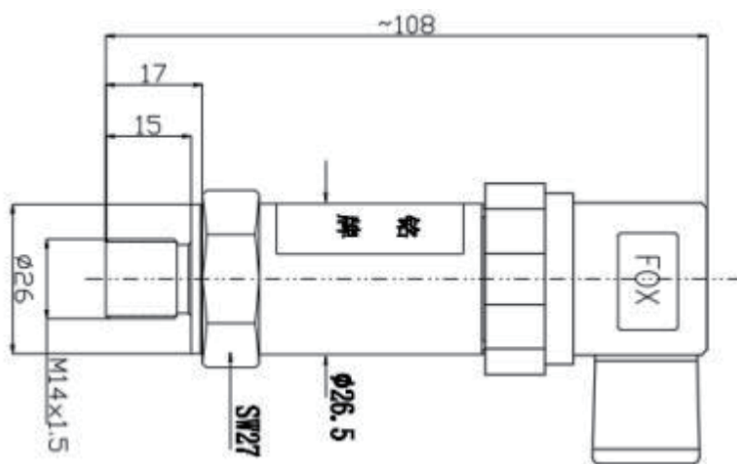
# 16

Years of experience in sensor R&D,  
manufacturing and production

Provide one-stop customization services  
for various sensors

## PPM-T126A

### Pressure Transmitter



### Product Introduction

The PPM-T126 series uses high-performance imported pressure-sensitive components that are packaged and compensated by MEMS. It adopts an integrated stainless steel fully-sealed structure. It has a small size, strong overload resistance, high stability, good corrosion resistance, reliable performance, and long life. It is suitable for detection and control of small fluid pressures. Available in gauge, absolute and negative pressure. The user can freely select the range.

### Applications

Widely used in military equipment, meteorology, hydrological exploration, kiln, medical, petroleum, chemical, power plant, mining, urban water supply, plastic and glass industry blow molding machines, flow control and other industries and areas where on-site pressure needs to be monitored and controlled.

## Technical Parameters

Measured Medium	Liquid, gas, steam and other media compatible with 316L stainless steel and silicon (non-corrosive stainless steel)
Pressure Type	Gauge, absolute, negative pressure optional
Pressure Range	0~60MPa
Power Supply	12~36VDC
Signal Output	4~20mA two-wire system, 0~5VDC, 1~5VDC, 0~10VDC, 0.5~4.5VDC three wire system
Repeatability	0.1% FS
Accuracy	0.5% FS; (0.2% FS can be selected) (including non-linear, repetitive, hysteresis)
Long-term Stability	$\leq \pm 0.2\%$ FS / year (typical value)
Working Medium Temp.	-30℃~+85℃
Working environment Temp.	-30℃~+85℃
Connection Method	M20 × 1.5, M14 × 1.5, M12 × 1, G1 / 4, G1 / 2, 1 / 4NPT or customized
Electrical Interface	Hirschmann, M12 connector, direct outlet, aviation plug

## Definition of Wiring

Hirschmann Connector				M12 Connector			
		2-wire system	3-wire system			2-wire system	2-wire system
	Power supply	1	1		Power supply	1	1
	Negative power	2	2		Negative power	2	2
	Signal positive	—	3		Signal positive	—	3
Direct Outgoing				Aviation Connector			
		2-wire system	3-wire system			2-wire system	3-wire system
	Power supply	red	red		Power supply	1	1
	Negative power	black	black		Negative power	2	2
	Signal positive	—	green		Signal positive	—	3

## CONTACT US

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