

## CHANGSHA TAIHE ELECTRONIC EQUIPMENT CO.,LTD.

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

Position sensor | Torque | Internet of Things



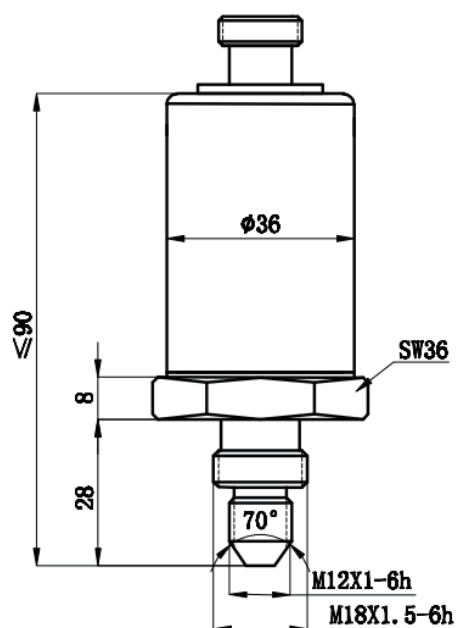
# 16

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

Provide one-stop customization services  
for various sensors

## PPM-T336A

## Pressure Transmitter



### Product Introduction

PPM-T336A series pressure transmitter adopts sputtered thin film or SOI silicon oil-filled sensor, fully welded and packaged in a stainless steel housing, matched with temperature and pressure compensation circuit module, and accurate piezoelectric conversion. The product has high accuracy, long working life and is applicable Wide temperature range, strong electromagnetic compatibility, resistance to shock and vibration, low power consumption, no hysteresis, good repeatability, lightness, etc., suitable for measurement and control of hydraulic systems in harsh environments.

### Applications



Mainly used for oil pressure and hydraulic measurement and control of tanks and armored vehicles.

Diesel engine, thermal power unit, steam turbine, water turbine, locomotive braking system.

## Technical Parameters

Measured Medium	Gas, liquid
Pressure Type	Gauge pressure(G)
Pressure Range	0~1.5MPa, 0~2.5MPa, 0~3MPa, 0~6MPa, 0~25MPa, 0~60MPa
Power Supply	8~32VDC
Output Signal	Zero position: $0.5 \pm 0.025\text{VDC}$ ; Full scale: $5 \pm 0.025\text{VDC}$
Repeatability	0.15% FS
Non-linearity	$\leq 0.3\%$ FS
Accuracy	$\pm 0.5\%$ FS ( $-43^{\circ}\text{C} \sim +125^{\circ}\text{C}$ )
Long-term Stability	0.15% FS / year
Working Medium Temperature	$-43^{\circ}\text{C} \sim +125^{\circ}\text{C}$
Working Ambient Temperature	$-43^{\circ}\text{C} \sim +125^{\circ}\text{C}$
Process Connections	M12×1-6g, M14×1.5-6g other customized
Wetted Material	316 stainless steel
Electrical Connection	Aviation connector
Environment	Meets the requirements of National Military Standard 150

## Definition of Wiring

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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