

CHANGSHA TAIHE ELECTRONIC EQUIPMENT CO.,LTD.

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

Position sensor | Torque | Internet of Things



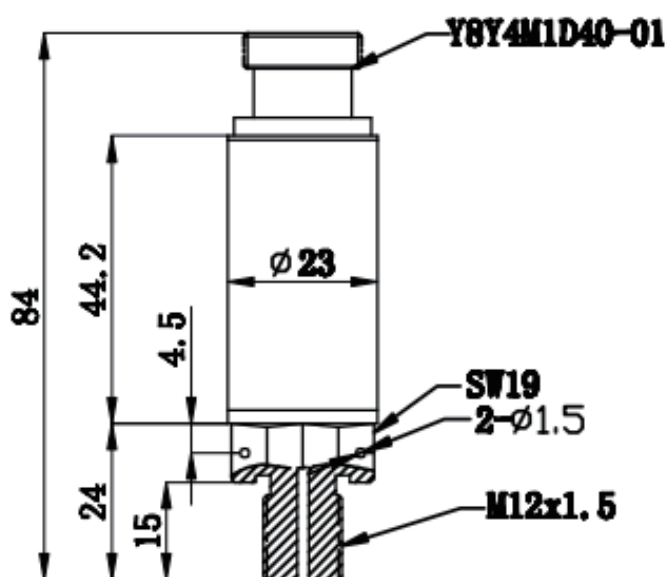
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Years of experience in sensor R&D,
manufacturing and production

Provide one-stop customization services
for various sensors

PPM-T323A

Pressure Transmitter



Product Introduction

PPM-T323A series pressure transmitter adopts sputtered 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 and lightness. It is suitable for fuel and oil pressure measurement in harsh environments.

Applications

Mainly used in tank, armored vehicles and other engine fuel, lubricant pressure measurement. Diesel engine, thermal power unit, steam turbine, water turbine, locomotive braking system.

Technical Parameters

Measured Medium	Gas, liquid
Pressure Type	Gauge pressure
Pressure Range	0 to 0.6 MPa, 0 to 2 MPa, 0 to 4 MPa, 0 to 5 MPa, 0 to 12 MPa, 0 to 25 MPa, 0 to 60 MPa
Power Supply	8~32VDC
Output Signal	1~5VDC
Repeatability	0.15% FS
Non-linearity	≤0.3% FS
Accuracy	± 0.5% FS (-43°C~+125°C)
Long-term Stability	0.15% FS / year
Working Medium Temperature	-43°C~+125°C
Working Environment Temperature	-45°C~+125°C
Connection Method	M14 × 1.5-6g
Wetted Material	316 stainless steel
Environment	Meets the requirements of National Military Standard 150

* **Note:** The above technical indicators and test specifications can be customized according to specific requirements

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

www.csppmSENSOR.com

Address: No. 188, Huanbao Road, Yuhua Zone, Changsha, Hunan, China

E-mail: info@csppm.com

Mobile | Wechat | WhatsApp: +86 19118913383