

CHANGSHA TAIHE ELECTRONIC EQUIPMENT CO.,LTD.

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

Position sensor | Torque | Internet of Things



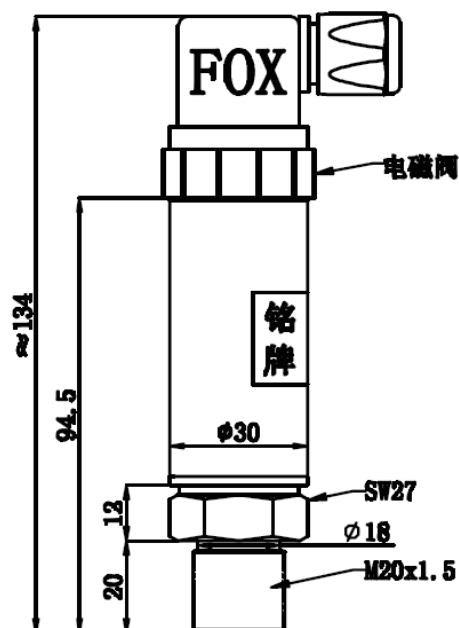
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Years of experience in sensor R&D,
manufacturing and production

Provide one-stop customization services
for various sensors

PPM-T330A

Sputtered Film High Temperature Pressure Transmitter



Product Introduction

PPM-T330A Sputtered Film High Temperature Pressure Transmitter uses ion beam sputtered film technology, all stainless steel integrated structure, high sensitivity pressure core, fully welded and sealed in stainless steel housing, withstands frequent, 5 times pressure overload and accurate High temperature and wide temperature range, mainly used in high-end industrial sites and military equipment. With low power consumption, no hysteresis, good repeatability and so on. This series supports full parameter customization service.

Applications

Engine, diesel engine, heat generating unit, steam turbine, water turbine, locomotive braking system Oilfield oil well instruments, oilfield pressure gauges, downhole instruments, uphole platforms Laboratory pressure calibration, flow regulation system, energy management system Hydraulic machine, testing machine, crane hydraulic system, cylinder hydraulic pressure.

Technical Parameters

Measured Medium	Gas, liquid and steam
Pressure Type	Ventilator Pressure, Customized
Pressure Range	Any range between 0~0.6MPa...300MPa
Power Supply	9~32VDC (24VDC recommended)
Output Signal	4~20mA, 0~5VDC, 1~5VDC, 0~10VDC, 0.5~4.5VDC can be selected
Mounting Thread	M20×1.5, M14×1.5, G1/4, 1/4NPT, 1/2NPT
Electrical Interface	Hirschmann connector, aerial plug, direct outlet
Non-linearity	≤0.05% FS optional
Repeatability	≤0.05% FS optional
Accuracy	± 0.1% FS, ± 0.2% FS, ± 0.5% FS optional
Long-term Stability	0.1% FS / year
Working Medium Temperature	-45~+ 145°C, 250°C customized
Working Environment Temperature	-55~+ 145°C

Definition of Wiring

Direct Outgoing				Hirschmann 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

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