

CHANGSHA TAIHE ELECTRONIC EQUIPMENT CO.,LTD.

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

Position sensor | Torque | Internet of Things



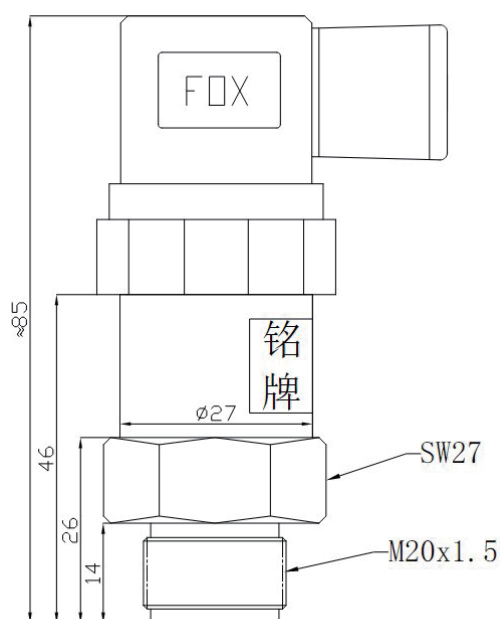
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Years of experience in sensor R&D,
manufacturing and production

Provide one-stop customization services
for various sensors

PPM-T127H

Flush Membrane Pressure Transmitter



Product Introduction

PPM-T127H flat film pressure transmitter is made of stainless steel isolation diaphragm pressure core and high performance intelligent operation compensation circuit. Laser welding technology ensures seamless connection between stainless steel shell and base, suitable for fluid pressure measurement of thick and easy to block slurry, solid-liquid mixing, anti-scaling, anti-blocking, anti-interference, high stability, suitable for a variety of industries on site.

Applications

Environmental protection chemical coating, polyurethane equipment, paint detection system.


Food slurry, emulsifier, beverage, dairy product detection system.

Pressure measurement of other solid-liquid mixtures such as pulp.

Technical Parameters

Measured Medium	Non-corrosive gas and liquid to 17-4PH, 316L stainless steel
Pressure Type	Gauge pressure or customization
Pressure Range	0~10KPa...6MPa...10MPa...40MPa
Power Supply	24VDC (12~32VDC)
Output Signal	4~20mA, 1~5VDC, 0~5VDC, 0~10VDC are optional
Process Connections	M20×1.5,G1 / 2
Electrical Connection	L-connector DIN43650, direct outlet
Non-linearity	0.05%FS
Repeatability	0.05%FS
Accuracy	0.2% FS,0.5% FS optional
Long-term Stability	0.2% FS / year (typical value)
Working Medium Temperature	-20℃~+75℃
Working Ambient Temperature	-40℃~+85℃; 250℃ customized

Definition of Wiring

Hirschmann Connector			
		2-wire system	3-wire system
	Power supply	1	1
	Negative power	2	2
	Signal positive	—	3

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