

## CHANGSHA TAIHE ELECTRONIC EQUIPMENT CO.,LTD.

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

Position sensor | Torque | Internet of Things



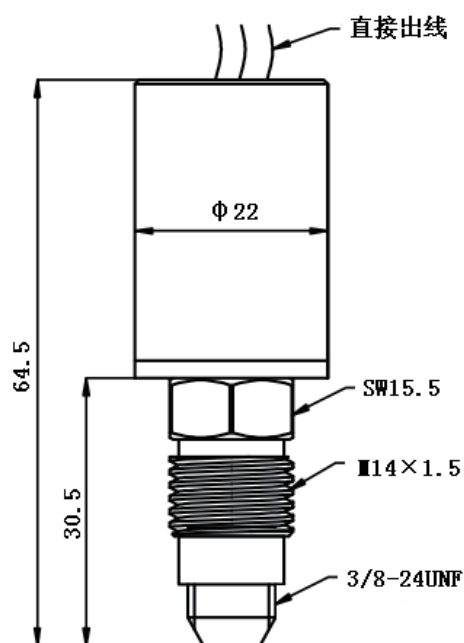
# 16

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

Provide one-stop customization services  
for various sensors

## PPM-T322C

### High Temperature Pressure Transmitter



### Product Introduction

The sensitive chip of PPM-T322C high temperature pressure transmitter is made by ion sputtering thin film technology. It is directly formed on the stainless steel elastic diaphragm by sputtering and etching process, which completely realizes the inorganicization of the sensitive components and overcomes the organic adhesion. The unstable factors such as creep, hysteresis, and aging caused by the adhesive tape greatly improve the long-term stability of the product.

### Applications

Oil drilling, logging, well testing, downhole instruments, digital pressure gauges, water injection, submersible pumps, multi-parameter inclinometers, bomb-borne engines, aircraft hydraulics, etc.

## Technical Parameters

Measured Medium	Gases, liquids and steam
Pressure Type	Ventilation gauge pressure
Pressure Range	0~2MPa, 3MPa, 5MPa, 15MPa, 25MPa, 40MPa, 60MPa, 100MPa, 150MPa, 200MPa (other customized)
Power Supply	3.3VDC \ 5VDC
Output Signal	0.05~1.25VDC \ 0.5~4.5VDC
Mounting Thread	3/8-24UNF Flexible Thread Conical Seal
Electrical Interface	Direct outlet
Repeatability	0.05% FS
Accuracy	0.2% FS
Long-term Stability	$\leq \pm 0.1\%$ FS / year
Working Medium Temperature	-40°C~+150°C
Working Environment Temperature	-40°C~+145°C

## Definition of Wiring

Dirrect outgoing			
		2-wire system	3-wire system
	Power supply	red	red
	Negative power	black	black
	Signal positive	—	green

## CONTACT US

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