

CHANGSHA TAIHE ELECTRONIC EQUIPMENT CO.,LTD.

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

Position sensor | Torque | Internet of Things



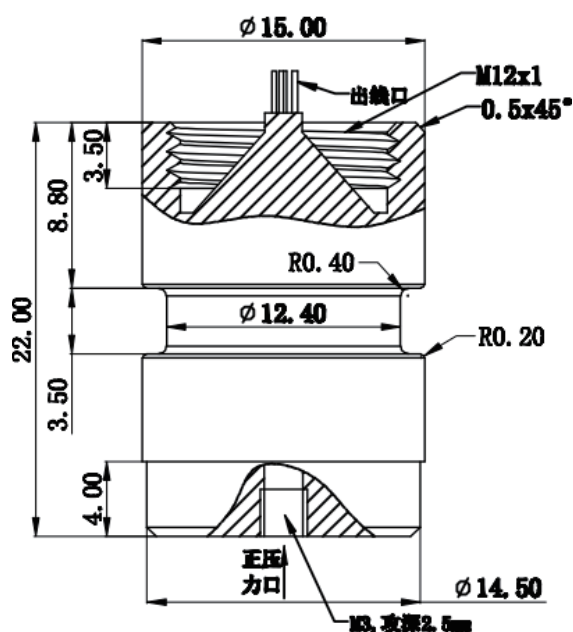
16

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

Provide one-stop customization services
for various sensors

PPM-S315A

High Temperature Pressure Sensor



Product Introduction

PPM-S315A high temperature pressure sensor sensitive chip is made using ion sputtering thin film technology. The product adopts stainless steel structure and laser welding to seal the pressure. It has small dimensions, high accuracy, stable and reliable performance, high and low temperature resistance, and long-term anti-stress fatigue Life characteristics. Special shapes can be customized.


Applications

Oil drilling, logging, well testing, downhole instruments, digital pressure gauges, aerospace engine testing, chariot engines, hydraulics, marine and shipbuilding.

Technical Parameters

Measured Medium	Gas , liquid and steam
Pressure Type	Gauge pressure
Pressure Range	0~2MPa, 6MPa, 16MPa, 25MPa, 40MPa, 60MPa, 100MPa
Power Supply	5~10VDC
Output Signal	$1.8 \pm 0.2\text{mV} / \text{V}$, $4 \pm 0.5\text{mV} / \text{V}$
Electrical Interface	Direct outgoing
Repeatability	0.04% FS
Accuracy	0.1% FS, 0.25% FS
Long-term Stability	$\leq \pm 0.1\% \text{ FS} / \text{year}$
Working Medium Temperature	-40 ~ + 150 °C
Working Environment Temperature	-40 ~ + 150 °C

Definition of Wiring

Direct outgoing		
		Cable color
	Power supply	red
	Negative power	black
	Signal positive	green
	Signal negative	white

CONTACT US

www.cspmsensor.com

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

E-mail: info@cspmm.com

Mobile | Wechat | WhatsApp: +86 19118913383