

CHANGSHA TAIHE ELECTRONIC EQUIPMENT CO.,LTD.

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

Position sensor | Torque | Internet of Things



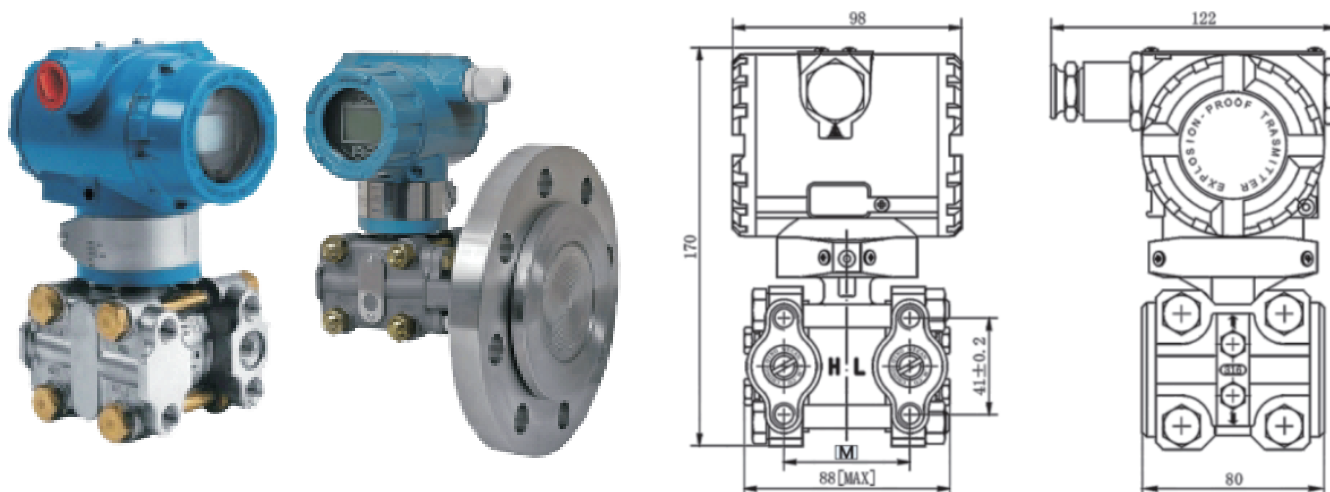
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Years of experience in sensor R&D,
manufacturing and production

Provide one-stop customization services
for various sensors

PPM-T3051

Intelligent Differential Pressure/Pressure Transmitter



Product Introduction

PPM-T3051 uses micro-processing technology to perform temperature characteristics and non-linear compensation, thereby greatly improving the measurement accuracy of the instrument, improving the temperature characteristics, expanding the range ratio, and adding intelligent functions to further meet the high reliability of the instrument on the industrial site. high stability requirements. It also has the advantages of stability, high accuracy and reliability. Good compatibility, compatible with other companies' products that comply with the HART protocol. Supports users to use the handheld 272/275 or PC debugging software to configure the instrument in real time during the operation of the instrument. It can intelligently linearize the pressure signal to ensure higher measurement accuracy.

Applications

Petroleum and chemical industry.

Metallurgy and power.

Food, paper.

Pharmaceutical, machinery manufacturing and other industries.

Technical Parameters

Measuring Range	0~0.1kPa~40MPa
Output Signal	4~20mA, HART digital signal
Power Supply	12~45VDC, generally 24VDC
Temperature Range	Amplifier operating temperature range: -29 ~ + 93 °C
Filling Silicone Oil Measuring Element	-40 ~ + 104 °C
Flange Filling Time for High Temperature Silicone oil	+ 15 ~ + 315 °C
Ordinary Silicone Oil	-40 ~ + 150 °C
Static Pressure and Overload	32MPa
Relative Humidity	0~95% RH
Volume Suction Volume	< 0.16cm ³
Start-up Time	2s, no warm-up required
Accuracy	± 0.2% FS, ± 0.5% FS, or customization
Static Pressure Effect	Min 0.2% FS, Max. 1% FS
Induction Pressure Connector	The screw hole in the pressure container is 1 / 4-18NPT, and the screw hole in the pressure connector is 1 / 2-1 / 4NPT
Signal Line Connection Hole	G1 / 2

Definition of Wiring

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

CONTACT US

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