

## Probe Temperature Transmitter XY-TTA

### Typical Feature

- Range -200~500 °C (PT100 optional); -50~255 °C(4-20mA)
- Accuracy level:  $\pm 0.2^{\circ}\text{C}$
- Small size  $\Phi 6\text{mm}-18\text{mm}$
- Anti-Electrical Fast Transient 4000V(Pulse)
- Low power consumption design
- IP Class IP67
- Stainless steel 316L probe diameter probe and shell



### Brief Introduction







XY-TTA Probe Temperature Transmitter is an integrated ultra-stable temperature transmitter, built-in PT100 high accuracy temperature sensor, has optimized circuit, reliable input and output isolation, it is designed with lightning protection and electrical fast transient (pulse group) interference resistance circuit, the lightning protection index reaches the inductive lightning (4000V) for 5 consecutive times without damage, it is able to protect the connected equipment from damage; also input end and output end are ability to withstand the electrical quick transient (pulse group) 4000V.

XY-TTA can effectively prevent the damage caused by induction lightning or the starting and stopping of high-power equipment in the power supply system, line fault, switching operation, frequency conversion equipment operation and welding machine during site construction.

Its probe and shell of the product are made of stainless steel 316L, the structure is made of laser welding technology, and the connection cable with IP67 waterproof aviation plug, which ensure the long-term stability and reliability of the product.

Temperature Measurement range -200~500°C, or -50~255 °C, optional PT100 resistance, accuracy  $\pm 0.2^{\circ}\text{C}$ , power supply 9-30VDC, output signal 4-20mA, probe diameter  $\Phi 6\text{mm}-18\text{mm}$  are customized, joint type are customized, such as clamp, drop-in, thread and sanitary; Used in instruments and apparatus system, laboratory, engineering machine, automatic production line, petrochemical and oil industry, environmental monitoring and others filed.

### Suggested Applications

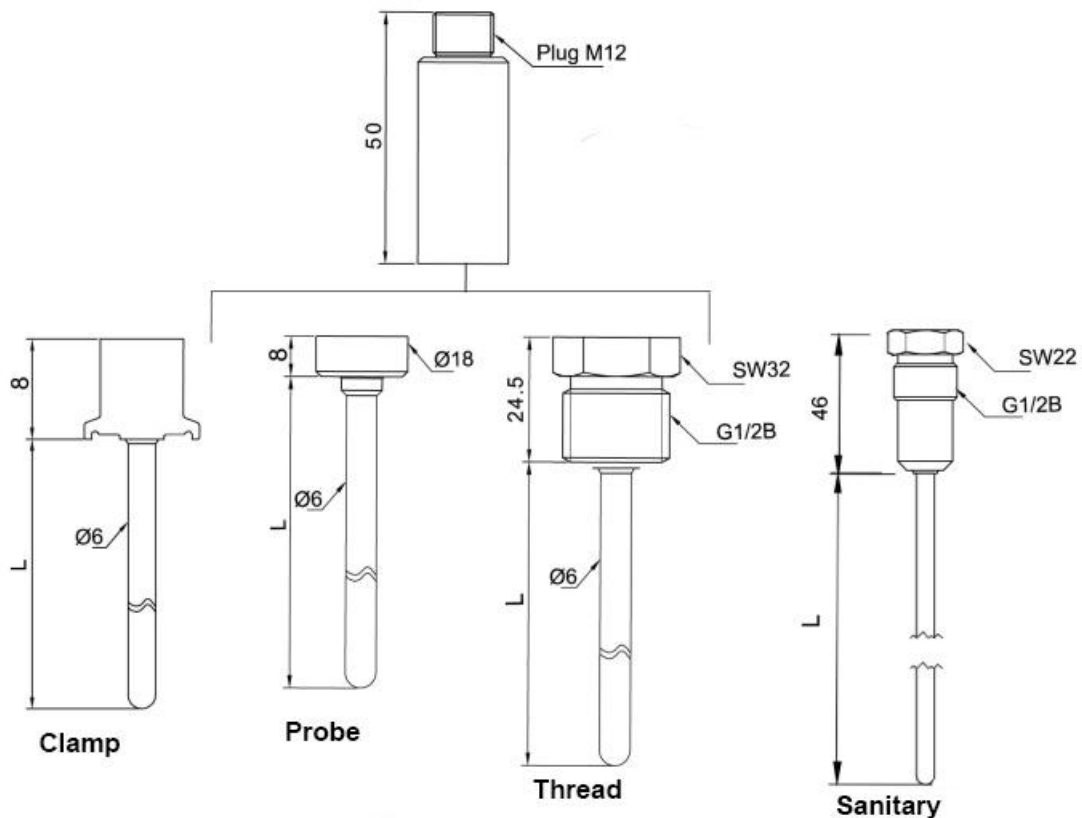
-  Instruments and apparatus system
-  Laboratory
-  Engineering machine
-  Automatic production line
-  Petrochemical and oil industry
-  environmental monitoring

**More details for XY-TTA, please contact us.**

Specification

<b>Model</b>	<b>XY-TTA</b>
Range	-200~500°C (PT100 optional); -50~255°C(4-20mA)
Overload Capacity	200%
Accuracy Level	±0.2°C
Output Single	4-20mA
Limiting Current	<25mA
Power Supply	9-30VDC
Temperature Drift Coefficient	Typical 0.005%FS/1°C
Operating Temperature	-40~85°C
Lightning Protection	4000V (≤5 Times)
Anti-Electrical Fast Transient	4000V
Anti-Radio Frequency Interference	>10V/M(80MHz~1000MHz)
Probe Diameter	6mm, other diameters are customized
IP Protection Class	IP67

Dimension(mm)



## How To Order

XY-	TT	A	PR	(-50~100°C)	Z	P2	A	M1	6	25Meter
	Category	Type	Connection	Range	Accuracy	Power	Output	Thread	Probe Diameter	Probe Length
TC	Temperature Gauge	A Probe B Explosion-Proof Z70G Wireless GPRS Z70L Wireless LORA Z70N Wireless NB-IoT	None General Thread PR Probe SA Sanitary KF Clamp TH Thread 9999 Customized	XM (0-X Meter)	2 0.2°C	P0 Battery P2 24V P4 220V P7 9-30V P9 Customized	A 4-20mA	M1 M20*1.5 M2 G1/4 M3 G1/2 M4 1/2NPT M5 1/4NPT M6 Input M7 ZG1/4 M9 Customized	6 Φ 6mm 8 Φ 8mm 10 Φ 10mm CC Customized	T9 Customized
TT	Temperature Transmitter									

If you may not find right information in this form, Please contact us to get future details

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