

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

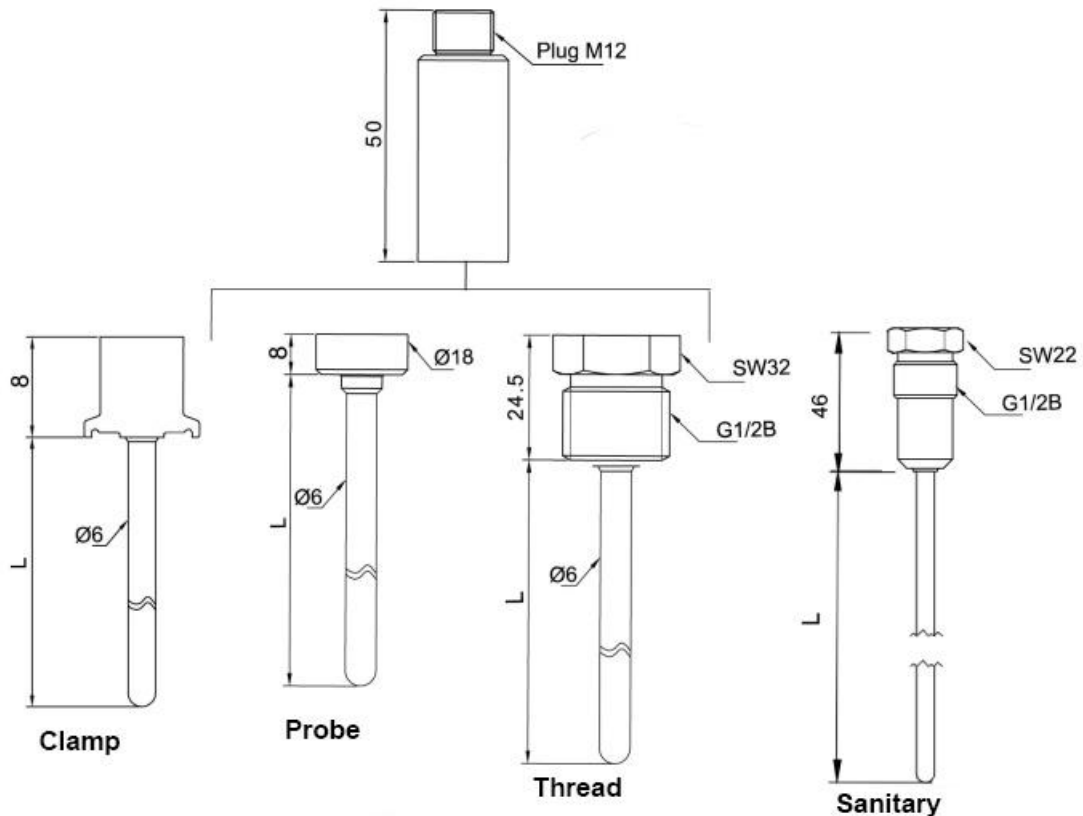
-  Instruments and apparatus system
-  Laboratory
-  Engineering machine
-  Automatic production line
-  Petrochemical and oil industry
-  environmental monitoring

More details for XY-TTA, please contact us.

Specification

Model	XY-TTA
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										
	TG	A	Probe	None	General Thread	XM	(0-X Meter)	2	0.2°C	P0	Battery	A	4-20mA	M1	M20*1.5	6	Φ 6mm	T9	Customized	
		B	Explosion-Proof	PR	Probe	P2	24V	M2	G1/4	8	Φ 8mm									
		Z70G	Wireless GPRS	SA	Sanitary	P4	220V	M3	G1/2	10	Φ 10mm									
		Z70L	Wireless LORA	KF	Clamp	P7	9-30V	M4	1/2NPT	CC	Customized									
	TT	Z70N	Wireless NB-IoT	TH	Thread	P9	Customized	M5	1/4NPT											
				9999	Customized			M6	Input											
								M7	ZG1/4											
								M9	Customized											

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

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