

Wireless Bluetooth Temperature Sensor XY-PT331

Typical Feature

- Ultra-small volume, main length < 100mm
- Accuracy level: 0.3°C ($\leq 200^{\circ}\text{C}$) 0.5°C ($> 200^{\circ}\text{C}$)
- Bluetooth transmission, the maximum distance is over 20 meters
- Multiple functions: unit switching, zero reset, adjustable sampling
- Powered by lithium battery, battery life up to 12 months, easy to
- With data viewing and EXCEL data export function
- Support Bluetooth configuration and cooperate with Bluetooth gateway to configure remote parameters, reducing maintenance cost









Brief Introduction

XY-PT331 series of wireless Bluetooth temperature transmitters use PT100 temperature sensor as the temperature sensing element, combined with ultra-low power Bluetooth communication module and digital conditioning circuit, making it highly accurate, low power consumption, compact, easy to use, and easy to install on site.

XY-PT331 supports multiple functions and supports mobile phone viewing and data export. You can download the Smart Gauges APP to connect to the wireless sensor with the mobile phone Bluetooth to view data and parameter configuration at close range. You can choose to use a Bluetooth gateway, which can be transferred to the cloud through the gateway; or use Ethernet to transmit to the local server, or RS485 to transmit to the PLC, etc.

Suggested Applications

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

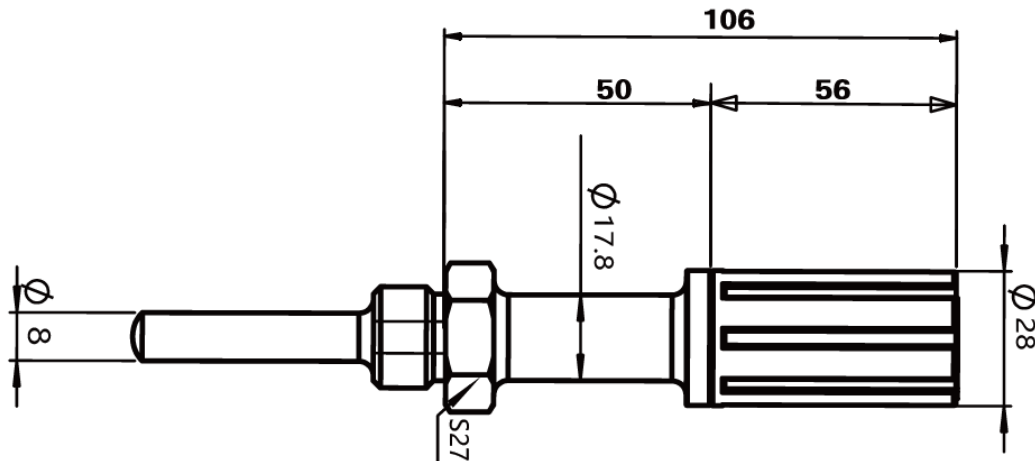
[More details for XY-PT331, please contact us.](#)

Specification

Model	XY-PT331
Range	-50~300°C customized (eg: -50~100°C 0~200°C)
Accuracy Level	0.3°C ($\leq 200^{\circ}\text{C}$) 0.5°C ($> 200^{\circ}\text{C}$)
Output Single	Bluetooth
Transmission distance	> 20 meters (open)
Power supply	CR 2032 button battery

Standby current	<5uA
Long-term stability	Better than ±0.25%FS/year
Mounting interface	M20*1.5 G1/4 NPT1/4 or Customized
Probe material	304SS
Housing material	PA66
Anti-Radio Frequency Interference	>10V/M(80MHz~1000MHz)
IP Protection Class	IP65

Dimension(mm)



How To Order

XY-	PG	280	E	P	60M	1	P2	J	M3	B1	T1	L		
Category	Type	Setup	Pressure Connection	Pressure Range	Accuracy	Power	Output	Thread	Electrical Connection	Medium Temperature	Additional			
PG	200	High Accuracy	E Lower Mount	None	XX (0-XXPa)	1	0.40%	P0 Battery	R RS485	M1 M20*1.5	B Cable Outlet	T1 -5~40°C	LC LCD Display	
	210	High Accuracy Pressure&Temperature	F Panel Mount	P Diaphragm Seals	XB (0-XBar)	2	0.20%	P2 24V	B Bluetooth	M2 G1/4	C Circular Connector	T2 -20~80°C	LE LED Display	
	210	Bluetooth High Accuracy Pressure&Temperature	B Bluetooth	DP Differential Pressure	XM (0-XXMPa)	3	0.10%	P3 Type-C	P APP	M3 G1/2	CC Customized	T3 -20~65°C	PE Explosion-Proof	
	260	80mm Dial Size	S Wireless	HF Clamp	XS (0-XXPa)	4	0.50%	P4 220V	A 1~20mA	M4 1/2NPT		T4 Customized	PD Explosion-Proof	
	270	Explosion-Proof	W Vacuum Switch	DN Range	Xpa (0-XXPa)	5	0.2%	P5 180V	R Relay	M5 1/4NPT			TD ExLED	
	280	80mm Dial Size LCD Display	W Vacuum Switch	9999 Customized	OC Customized	6	0.05%	P6 12V	Z Dual Relay	M7 ZG1/4				
	281	330° Rotated Dial	W Water Pump Switch							N NPN/PNP				
	300	100mm Dial Size	A APP			9	Customized	P9 Customized	CC Customized					
	380	80mm Dial Size LED Display												
	550	Digital Remote-transmission												
PS	625	Contract 80mm Dial Size												
	625	Contract 80mm Dial Size												
	625	Contract 90mm Dial Size												
	628	80mm Dial Size												
	928	100mm Dial Size												
PC	650	Switch Box with Plastic Shell												
	650	Switch Box with Full Metal Shell												
	700	Mechanical												
	800	80mm Dial Size												

Remark: 1. This form is for whole Pressure Measurement and Pressure Control products, please read Product Data Sheet to get reference informations
2. If you may not find right information in this form, Please contact us to get future details

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