Wireless Digital Thermometer XY-TT270

Typical Feature

- ☐ Measure range -50~400 $^{\circ}$C
- ☐ Accuracy level: 0.2 $^{\circ}$C
- ☐ Operating temperature -20℃ ~ 60℃
- ☐ LCD display, white backlit
- ☐ Wireless transmission GPRS/LORa/NB-iot optional
- ☐ Optional Power supply and battery
- ☐ With casting aluminum shell and SS304 Joint

Brief Introduction

XY-TT270 Wireless Digital Thermometer is a low power consumption design powered by batteries. It is a digital thermometer with multiple wireless transmission modes, including GPRS/LORa/ NB-iot, which is redesigned according to wireless digital temperature gauge with static pressure principle.

XY-TT270 is used explosion-proof casting aluminum shell and 304 stainless steel connector joint, built-in high-precision temperature sensors, with LCD display screen, contact plunge-type temperature probe by polyurethane cable, it can be installed easily, good waterproof performance.

It's easy to setup sampling speed, uploading frequency, high-temperature and low-temperature alarm point and Instant temperature alarm, at the same time has many additional functions such as reset, backlit, on/off switch, converting unit, high and low temperature level alarm and so on.

As a wireless digital temperature gauge, it can upload temperature level data on site to cloud server, users can match IP address and other parameters on site or remotely.

The LORa type can work with LORa gateway, have the advantage of low power consumption, long transmission distance, strong signal penetration and AD HOC network.

The NB-iot type is a NB-iot transmission of wireless digital temperature meter, based on NB-iot technology, low power consumption, high transmission efficiency, low cost and other advantages.
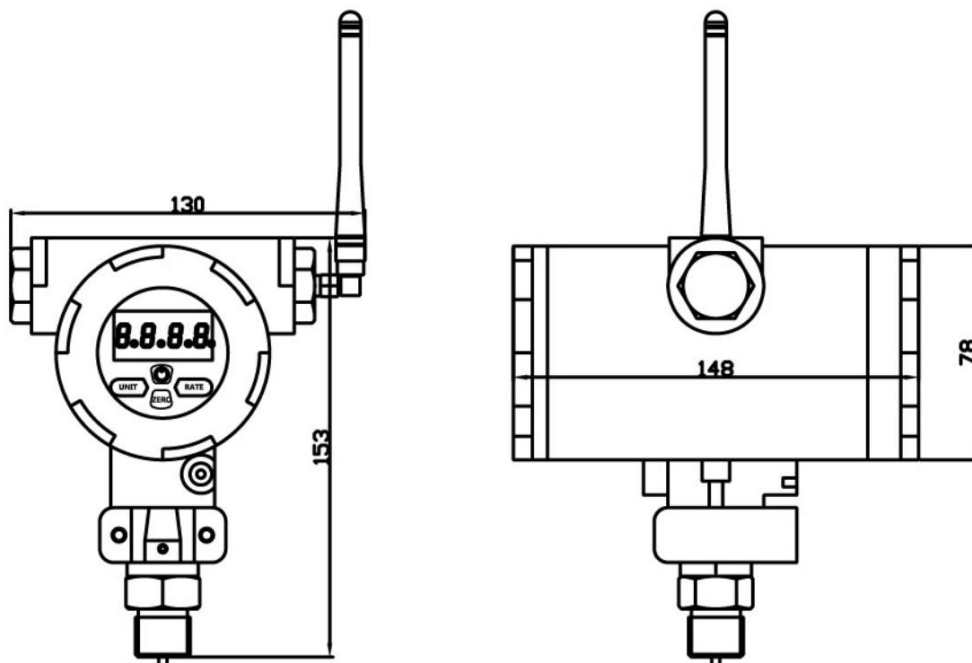
Suggested Applications

- ┿ Heating system,
- ┿ Instruments and apparatus system
- ┿ Laboratory
- ┿ Engineering machine
- ┿ Automatic production line
- ┿ Petrochemical and oil industry
- ┿ Environmental monitoring

More details for XY-TT270, please contact us.

All specifications are subject to change without notice

All sales subject to standard terms and conditions

Specification

Model	XY-TT270
Temperature Measurement Range	-50~400°C Adjustable by dial switch
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	IP65

Dimension(mm)

All specifications are subject to change without notice

All sales subject to standard terms and conditions

How To Order

XY-	TT	-	A	-	PR	-	(-50~100°C)	-	2	-	P2	-	A	-	M1	-	6	-	25Meter
	Category		Type		Connection		Range		Accuracy		Power		Output		Thread		Probe Diameter		Probe Length

Category		Type		Connection		Range		Accuracy		Power		Output		Thread		Probe Diameter		Probe Length	
TG	Temperature Gauge	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		
		270G	Wireless GPRS	SA	Sanitary					P4	220V			M3	G1/2	10	Φ 10mm		
		270L	Wireless LORa	KF	Clamp					P7	9-30V			M4	1/2NPT	CC	Customized		
		270N	Wireless NB-iot	TH	Thread					P9	Customized			M5	1/4NPT				
TT	Temperature Transmitter			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

Shanghai XuYan Precision Technology Co., Ltd.

Address: No. 969, YunHan Road Pudong District Shanghai City China
Tel：+86 21 59241315
Email：sales@xvyanprecision.com
Website：www.xvyanprecision.com

Product Manager: Tyler Tou
Cell：+86 189 1797 0680
Email：ttao@Xuyanpercision.com