GTT280
Wireless Temperature Transmitter

Product Manual

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DESCRIPTION

GTT280 wireless temperature transmitter is a high-precision, low-power intelligent temperature detection instrument with wireless communication function. Uploading data to the cloud platform through the 4G network enables remote monitoring and configuration on computers or mobile phones (APP, WeChat applet, etc.). It has an over-limit alarm function and sends alarm information in real time via WeChat or SMS. The instrument is powered by a large-capacity lithium battery and relies on a self-developed low-power design scheme with a service life of more than 6 years. It is widely used in temperature monitoring in petroleum, chemical industry, electric power, energy, pharmaceutical, food processing and other scenarios.

FEATURES

- Large-screen LCD display
- Multiple parameters on the same screen, more intuitive display
- High measurement accuracy (imported chip)
- Ultra-low power consumption (standby current <0.08mA)
- Long battery life (1 hour transmission frequency, 6 years of battery life)
- Powered by large-capacity lithium battery (19000mAh)
- Upper and lower limit alarms, WeChat/SMS alarms
- PC/mobile remote real-time monitoring
- High protection level (waterproof and explosion-proof)
- Intelligent configuration (USB or remote configuration)

PARAMETERS

Range	-200~+600℃
Accuracy	0.5%F.S
Network format	4G，NB-IOT
Configuration method	USB local configuration, server remote configuration
Data transmission interval	Configurable time : 2min-1440min
Upload information	Temperature, power, signal, card number
Display	2.4-inch LCD display
Ambient temperature	-30~+70℃(meter)
Power supply	3.6V lithium battery (19Ah)
Battery Life	Send data once an hour, life of 6 years
Protection level	IP68
Explosion-proof level	Ex ia IIC T6 GA
Sensor material	Stainless steel
Probe size	Diameter：φ3-φ10mm，Length：10-100mm(Customized)
process connection	Thread, flange etc