

TS-9SGF Temperature Sensor

Intelligent Temperature Monitoring



- Periodic transmission
- Excellent stability
- SIGFOX™ Protocol

TS-9-SGF is a wireless temperature sensor that monitors the temperature of the surrounding environment using the SIGFOX protocol. Detecting temperature from -10°C to 50°C (14°F to 122°F), it reports temperature condition at regular intervals, and can also send notification when the temperature fluctuates by +/-2°C (+/-3°F). Suitable for supervising building management, logistics, storage and data centres, and home temperature monitoring in the event of a heatwave or cold spell.

Sigfox is a cellular style system that enables remote devices to connect using long range, low power, ultra-narrow band technology. TS-9-SGF is wireless and lightweight, making it easy to be installed almost anywhere, and offers a reliable and flexible way to monitor environment temperatures.

Features

- Temperature detection range from -10°C to 50°C (14°F to 122°F)
- Transmits notification when temperature fluctuates by +/-2°C (+/-3°F)
- Regular transmission of temperature signals at designated interval
- Wireless for easy and flexible deployment
- Low battery detection
- Excellent stability with high sensitivity
- LED transmission indicator
- Compact and slim design
- SIGFOX™ protocol

Specifications

| | |
|------------------------|-------------------------------|
| Communication Protocol | SIGFOX™ Protocol |
| Frequency | RCZ4 |
| Power Source | 3V, CR123 Lithium battery x 1 |
| Battery Life | 2 years* |
| Operating Temperature | -10°C to 45°C (14°F to 113°F) |
| Operating Humidity | Up to 85% non-condensing |
| Dimensions | 103mm x 31mm x 21mm |

* Note: Actual battery life may vary with product settings, operating environment, and usage.