

Temperature Measurement

Temperature Sensor with External Contact Probe

TX TEMP CONT1 600-032



- PT1000 Contact Probe
- IP65 Rugged Enclosure
- LoRaWAN & proprietary LoRa compatible
- High-capacity D-type battery
- Up to 20 years of autonomy
- Very long radio range

Technical Specifications

Physical Characteristics

| | |
|-----------------------|---|
| Protection rating | IP65 |
| Mounting | Wall-mounted |
| Operating temperature | - 20 / + 55°C |
| Power supply | 3.6V Lithium D-type battery - Replaceable battery |
| Battery life | 12 years for a transmission every 5 minutes (SF9) |

Radio

| | |
|---------------------|---|
| Supported protocols | LoRaWAN (Class A) and Enless proprietary LoRa |
| Frequency | 868MHz |
| Addressing | LoRaWAN = DEVEUI, APPEUI, APPKEY (OTAA) Enless proprietary LoRa = Enless LoRa ID |
| Encryption | LoRaWAN = AES128 Enless proprietary LoRa = No encryption |
| Transmission power | 25mW (14 dBm) |

Measurements

Probe Type PT1000 Contact Probe (2 wires)

Temperature

Sensor measurement range -180 / +250°C

Sensor accuracy +/- 0.5°C

Sensor resolution 0,1°C

Certifications



Dimensions (mm)

