

Temperature Measurement

Temperature Sensor with Double External Contact Probes

TX TEMP CONT2 600-232



- Double PT1000 contact probes
- 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 Double PT1000 contact probes (2 wires)

Temperature

Sensor measurement range -180 / +250°C

Sensor accuracy +/- 0.5°C

Sensor resolution 0,1°C

Certifications



Dimensions (mm)

