

# Temperature transmitter LoRa / LoRaWAN

## TX temperature with 2 contact probes PT 1000



**LoRa LoRaWAN™**

- 2 REMOTE PT1000 PROBES
- RUGGED IP65 ENCLOSURE
- EASY TO INSTALL
- VERY LONG RANGE RADIO
- REPLACEABLE BATTERY
- VERY LONG BATTERY LIFE > 20 YEARS

## SPECIFICATIONS

Enclosure and IP rating	ABS IP 65
Dimensions (l x w x h)	118 x 79 x 43 mm
Mounting	Wall / Collar / Din Rail (option)
Radio antenna	Embedded
Type of sensors	2 contact probes 2 wires - cable length for each : 2 m
Sensor temperature range	- 180 / + 250 °C
Sensor accuracy	+/- 0,5°C
Sensor resolution	0,01°C
TX working temperature	- 20 / + 55°C
Power supply	Replaceable 3.6 V D Lithium battery - Low battery alert
Radio frequency band	868 MHz bidirectional
Radio protocol	LoRa proprietary – LoRaWAN (mode change via jumper)
Output power	25mW (14 dBm)
Configuration	LoRa proprietary: configuration from the receiver's IP server LoRaWAN: setup via downlink
Battery autonomy	LoRa proprietary: 12 years with 5mn periodicity LoRaWAN: 15 years with 15mn periodicity (in SF9) Configurable periodicity
Encryption	LoRa proprietary: no encryption LoRaWAN: AES128
Addressing	LoRa proprietary: LoRa ID LoRaWAN: DEVEUI, APPEUI, APPKEY keys (OTAA)
LED	3 LED's
Approval	CE
Product reference	TX TEMP CONT2 600-232

DTM48-c