

Temperature Measurement

Temperature Sensor with Black Bulb Probe

TX TEMP CONT1 600-032 + BLACK BULB PROBE



- PT1000 Black Bulb 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 Black Bulb probe (2 wires) - 1.5m
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Temperature

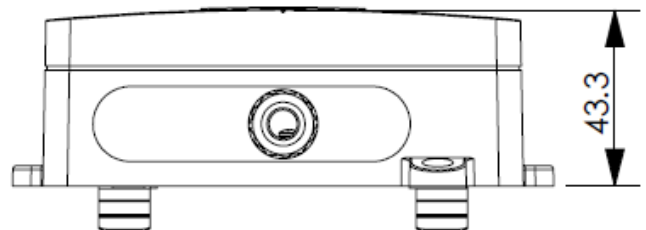
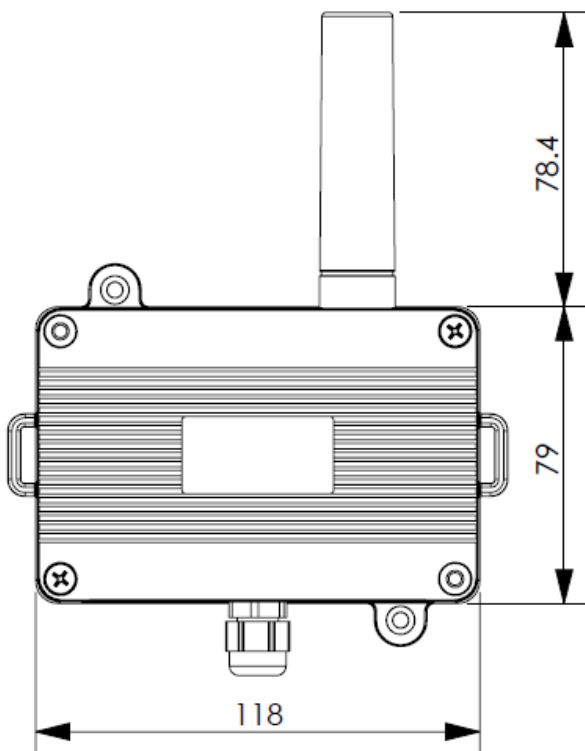
Sensor measurement range	-30°C/+80°C
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Black Bulb diameter	Ø 50 mm
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Certifications



Dimensions (mm)



V 2.0