

# Temperature transmitter LoRa / LoRaWAN

TX temperature with contact probe PT1000

**LoRa LoRaWAN™**



PT1000 PROBE FOR REMOTE MEASUREMENTS

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 sensor                 | Contact probe PT 1000 2 wires - cable length : 2 m                             |
| Sensor temperature range       | - 70 / + 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 – LoRaWAN   |
| Output power                   | 25mW (14 dBm)  |
| Datalogging                    | Option   |
| Configuration / Installation   | Via radio - LoRa mode : Embedded IP server - Mode change via jumper (provided) |
| Battery autonomy / Periodicity | >15 years battery life with 5min periodicity / Configurable periodicity        |
| ID                             | DEV EUI in LoRaWAN mode ; LoRa ID in private mode                              |
| LED                            | 3 LED's  |
| Approval                       | CE   |
| Ordering code                  | TX TEMP CONT1 600-032  |

DS EN 600-032-a