

Code: 65200043



## DATA SHEET

### Performance

Accuracy (Temperature)	$\pm 0,2 \text{ }^{\circ}\text{C}$ (- 20 $^{\circ}\text{C}$ ...0 $^{\circ}\text{C}$ ) $\pm 0,5 \text{ }^{\circ}\text{C}$ out of this range
Communication frequency	LoRaWAN™ 868 MHz
Measuring and trasmission range	From 1 min to 5 min
Measuring and trasmission range (internal memory)	From 1 min to 24 h
Resolution	0,01 $^{\circ}\text{C}$
Response time	~ 2 min at 90 % of variation
Temperature measuring range (max.)	+ 150 $^{\circ}\text{C}$
Temperature measuring range (min.)	- 200 $^{\circ}\text{C}$
Working temperature (max.)	+ 70 $^{\circ}\text{C}$
Working temperature (min.)	- 30 $^{\circ}\text{C}$

### Feature

Cable lenght	6 m
Communication interfaces	LCD display, status LED lights, touch sensitive button
Compliance	CE, ROHS, FCC, ETS 300-328, EN 12830
IP protection	IP65
Memory	10.000 data points
Radio signal coverage	Up to 10 km open field range
Sensor	External Class A PT100 Téflon® cable

### Supply

Battery life	From 1 to 4 years depending on use
Battery supply	Replaceable Lithium 3,6 V battery AA

### Dimension and Weight

Dimension (LxWxH)	64 x 25 x 87 mm
Weight	~ 100 g