



## Temperature sensor

Ruptela temperature sensors are designed for measuring the temperature of the cargo and the refrigerators. The sensors operate in the temperature range from -40 °C to +120 °C. The sensor housing is IP67 certified, ensuring its durability in harsh working environments.

## Key features

- High temperature precision
- 64 bit serial code allows multiple devices on 1-Wire
- Overvoltage protection
- Programmable identification number
- IP67 protection

Temperature sensor	
<b>Electrical specifications</b>	
Power supply range	3.7 ÷ 6 V DC
Maximum voltage ratings	28 V @ 6 min (ambient temperature: 20 °C) 50 V @ 1 s
<b>Technical specification</b>	
Temperature range	-40 to +120 °C
Measurement accuracy	±0.5 °C @ -10 to +85 °C
Measurement resolution	9 ÷ 12 bit
<b>Certifications and ratings</b>	
IP rating	IP67
<b>Physical properties</b>	
Sensor dimensions (Length x Diameter)	65 x 8 mm
Wire length	25 cm

## Ordering information

### Temperature sensor

Sensor for cargo and refrigerators temperature measurements

## Warnings

All internal components must be replaced only by the manufacturer! Any self-willed attempt to repair or change any components will void the warranty.



Waste equipment should not be disposed of with your other household waste. The product must be taken to separate collection points at the product's end-of life.

## Document application

Given parameter values and various characteristics within this document apply only to the most recent device hardware version.

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