



# Temperature Sensor

Ruptela **Temperature Sensor** is 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.

## Applications

- Cargo and refrigerator temperature measurement
- Wide temperature range
- Harsh working environment

## Key Features

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

## Compatibility

✓ HCV5	✓ LCV5	✓ Pro5	⊘ Trace5	✓ FM-Tco4 HCV
✓ FM-Tco4 LCV	✓ FM-Pro4	✓ FM-Eco4	✓ FM-Eco4 S	✓ FM-Eco4 RS T
⊘ FM-Plug4				

## Detailed specifications

### Temperature sensor

#### Electrical specifications

<b>Power supply range</b>	3.7 ÷ 6 V DC
<b>Maximum voltage ratings (ambient temperature: 20 °C)</b>	28 V @ 360 s 50 V @ 1 s

#### Technical specifications

<b>Temperature range</b>	-40 to +120 °C
<b>Measurement accuracy</b>	±0.5 °C @ -10 to +85 °C
<b>Measurement resolution</b>	9 ÷ 12 bit

#### Certifications and ratings

<b>IP rating</b>	IP67
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#### Physical properties

<b>Sensor dimensions (Length x Diameter)</b>	65 x 8 mm
<b>Wire length</b>	25 cm

## Ordering information

<b>Temperature sensor</b>	Sensor for cargo and refrigerators temperature measurement
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#### Contact information:

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