



TSH202A Temperature & Humidity Sensor

The **TSH202A Temperature & Humidity Sensor** is a high accuracy cargo condition monitoring sensor with 1-Wire interface for vans and heavy-duty vehicles with a trailer. This sensor displays the temperature and humidity in real-time, collects the data and sends it to a tracking device. The sensor has a LED light to indicate different statuses.

Applications

- Cargo conditions monitoring
- Temperature and humidity monitoring

Key Features

- Temperature and humidity data transfer through a single wire
- Suitable for various regulations

Compatibility

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

Detailed specifications

Measurement ratings

Temperature detection range	-20 °C to +60 °C
Temperature detection accuracy	± 0.1 °C
Humidity detection range	10 to 90% RH
Humidity detection accuracy	± 0.1% RH

Electrical specifications

Power supply range	4 to 5.5 V
Power consumption	5 mA
Communication	1-Wire

Physical properties

Sensor Dimensions	45 x 16 x 10 mm
Cable length	1 m

Pinout

Wire colors	Description
Yellow	+5 V Power supply
Green	Data
Brown	Ground

Contact information:

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