

# Product data sheet

Specifications



## Humidity and Temperature sensor, Modbus

TM1SHTM4

### Main

Range Of Product	Modicon M171/M172
Accessory / Separate Part Category	Measurement accessory
Accessory / Separate Part Type	Probe

### Complementary

Device Mounting	Wall mounted
Mounting Support	Mounting box
[Us] Rated Supply Voltage	9...28 V AC 9...40 V DC
Maximum Power Consumption	35 mA
Output Type	RS485 Modbus RTU +/- 3 % RH RS485 Modbus RTU -40...60 °C +/- 1 °C
Product Specific Application	Humidity control
Electrical Connection	Screw-clamp terminals
Fixing Mode	2 fixing points
Width	100 mm
Height	122 mm
Depth	50.5 mm
Net Weight	0.14 kg

### Environment

Ip Degree Of Protection	IP65
Ambient Air Temperature For Operation	-40...60 °C
Ambient Air Temperature For Storage	-40...70 °C
Relative Humidity	0...100 %
Pollution Degree	2
Overvoltage Category	I
Product Certifications	CE cULus EAC UKCA

### Packing Units

Unit Type Of Package 1	PCE
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Number Of Units In Package 1	1
Package 1 Height	6.500 cm
Package 1 Width	11.500 cm
Package 1 Length	14.500 cm
Package 1 Weight	229.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	24
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	6.300 kg

## Sustainability

**Green Premium™** label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="#">www.P65Warnings.ca.gov</a>