

Product data sheet

Specifications

Humidity sensor, 4-20 mA



TM1SHC4

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 DC
Maximum Power Consumption	20 mA
Output type	Current 4...20 mA +/- 3 % RH
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
Product 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
Number of Units in Package 1	1

Package 1 Height	6.5 cm
Package 1 Width	11.5 cm
Package 1 Length	14.5 cm
Package 1 Weight	240.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.055 kg



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint

20

Use Better

Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number

2c365b3a-5b0a-48fd-acc7-751c89a723a2

REACH Regulation

[REACH Declaration](#)

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 [www.P65Warnings.ca.gov](#)

Use Again

Repack and remanufacture

Take-back

No

WEEE Label

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins