Product data sheet

Specifications



Humidity and Temperature sensor, Modbus

TM1SHTM4

Product availability: Stock - Normally stocked in distribution facility

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…140 °F (-40…60 °C) +/- 1 °C
Product Specific Application	Humidity control
Electrical connection	Screw-clamp terminals
Fixing Mode	2 fixing points
Width	3.9 in (100 mm)
Height	4.8 in (122 mm)
Depth	2.0 in (50.5 mm)
Product Weight	0.31 lb(US) (0.14 kg)

Environment

IP Degree of Protection	IP65
Ambient Air Temperature for Operation	-40…140 °F (-40…60 °C)
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Relative humidity	0…100 %
Pollution degree	2
Overvoltage category	I
Product Certifications	CE cULus EAC UKCA

Ordering and shipping details

Category	US1PC1222537

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Discount Schedule	PC12
GTIN	3606481390172
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.559 in (6.500 cm)
Package 1 Width	4.528 in (11.500 cm)
Package 1 Length	5.709 in (14.500 cm)
Package weight(Lbs)	8.818 oz (250.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	13.889 lb(US) (6.300 kg)

Contractual warranty

Warranty (in months)	18

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	**19 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**19 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.2 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**2c365b3a-5b0a-48fd-acc7-751c89a723a2**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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 Longer

Lifetime extension

Repair	**No**

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.**