

Product data sheet

Specifications



Humidity sensor, 4-20 mA, NTC

TM1SHTCN4

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 384.00 USD

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 NTC 10 kOhm/25 °C -40...140 °F (-40...60 °C) +/- 1 °C
Product Specific Application	Humidity control
Electrical Connection	Screw-clamp terminals
Fixing Mode	2 fixing points
Width	3.94 in (100 mm)
Height	4.80 in (122 mm)
Depth	1.99 in (50.5 mm)
Net 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
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Discount Schedule	PC12
Gtin	3606481390158
Returnability	No
Country Of Origin	CN

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.56 in (6.5 cm)
Package 1 Width	4.53 in (11.5 cm)
Package 1 Length	5.71 in (14.5 cm)
Package 1 Weight	7.90 oz (224.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	24
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	13.45 lb(US) (6.1 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-CO₂ 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	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
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