# Product data sheet Characteristics

# TM1SHTCN4

# Humidity sensor, 4-20 mA, NTC



#### 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	928 V DC	
Maximum Power Consumption	20 mA	
Output type	Current 420 mA +/- 3 % RH NTC 10 kOhm/25 °C -40140 °F (-4060 °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	-40140 °F (-4060 °C)
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)
Relative humidity	0100 %
Pollution degree	2
Overvoltage category	I

### Ordering and shipping details

Category	22537-M171 / M172 HVAC CONTROLLERS	
Discount Schedule	PC12	
GTIN	3606481390158	
Nbr. of units in pkg.	1	
Package weight(Lbs)	7.90 oz (224.0 g)	
Returnability	No	
Country of origin	IT	

## Packing Units

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Unit Type of Package 1	PCE
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)
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Weight	13.45 lb(US) (6.1 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

### Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	₫Yes
China RoHS Regulation	<sup>™</sup> China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.