

Product data sheet

Specifications



Modicon M171 Performance Flush 3 I/Os RH, Modbus SL/TCP & BACnet MSTP and IP

TM171PFE03HR

⚠ Discontinued on: Dec 2, 2020

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued

Main

Range of Product	Modicon M171/M172
Product or Component Type	Programmable controllers
Product Specific Application	HVAC and pumping solution
variant	Programmable
Total inputs/outputs	3
Analogue input number	1 analog input NTC board) 1 analog input NTC 1 relative humidity sensor board)

Complementary

Number of port	1 CAN port - screw terminal block 1 Ethernet - RJ45 Modbus TCP and BACnet IP with webserver) 1 RS485 - screw terminal block Modbus serial link or BACnet MS/TP) 1
Input/output number	3 analog input
Analogue input type	NTC temperature probe - 50...110 °C 0.1 °C extended) NTC temperature probe - 40...150 °C 0.1 °C humidity probe 0...100 % RH 0.01 % RH
[Us] rated supply voltage	24 V ±10% AC 48 V DC
Power consumption in W	24 VA 24 V AC 15 W 20...38 V DC
Realtime clock	Without clock at -4...149 °F (-20...65 °C)
Display type	Without Display
Overvoltage category	II
Local signalling	without
Mounting Support	Panel mounting with accessory DIN rail
Width	2.8 in (72 mm)
Height	4.3 in (110 mm)
Depth	2.4 in (60.5 mm)
Net Weight	0.49 lb(US) (0.22 kg)

Environment

Standards	EN/IEC 60730
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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.

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

Product Certifications	CE EAC CSA cURus RCM
Ambient air temperature for operation	-4...149 °F (-20...65 °C) UL 60730-1
Ambient Air Temperature for Storage	-4...185 °F (-20...85 °C)
Relative humidity	10...90 % non-condensing
IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

Category	22537-M171 / M172 HVAC CONTROLLERS
Discount Schedule	PC12
GTIN	03606480752865
Returnability	No
Country of origin	IT

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 >](#)

Resource performance

 Upgradeable Through Digital Modules
And Upgraded Components

Well-being performance

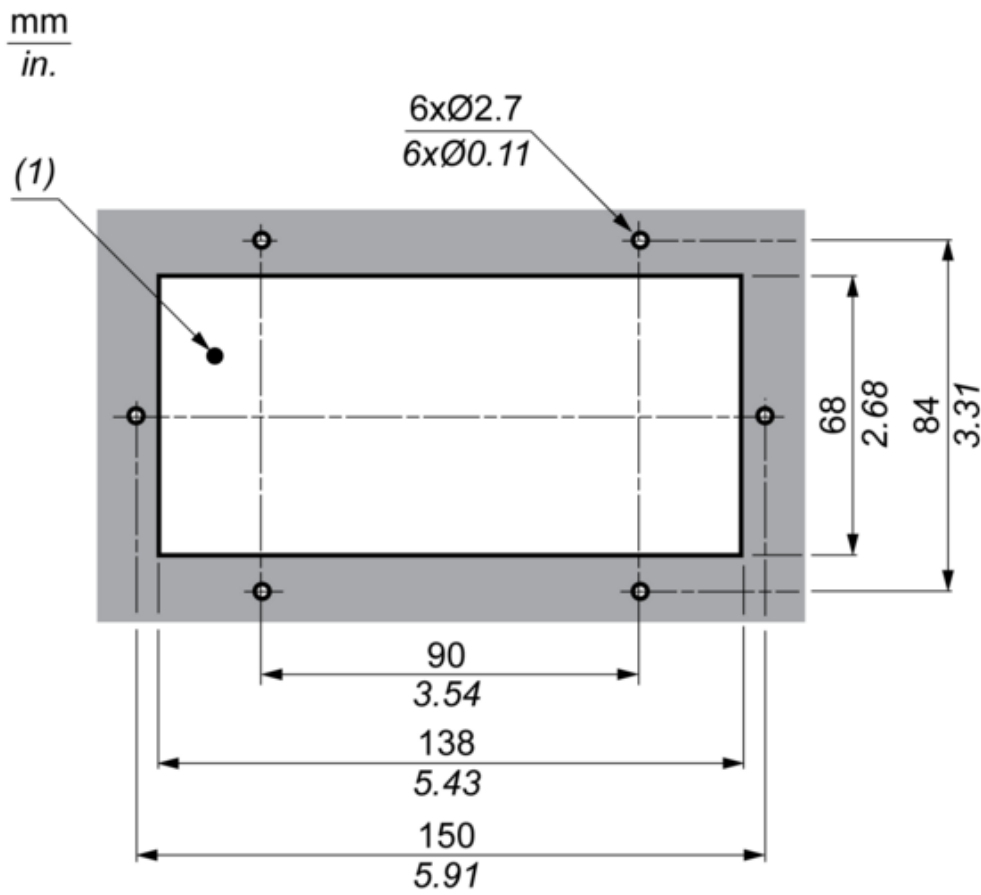
 Mercury Free

Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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

Mounting and Clearance

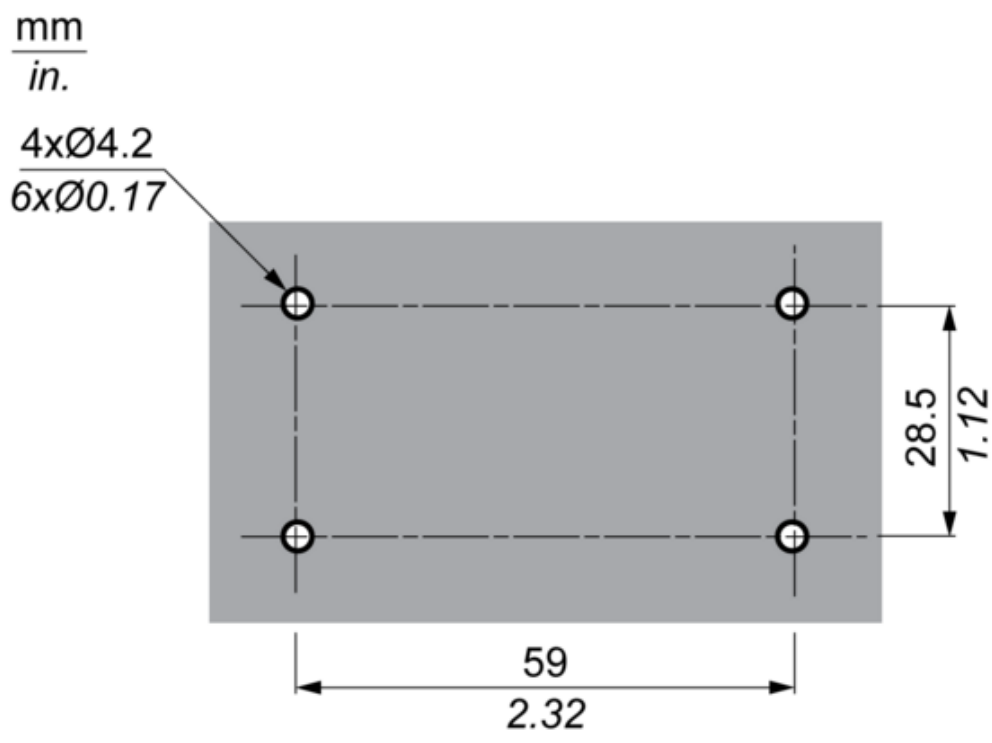
Mounting and Clearance

Panel Mounting



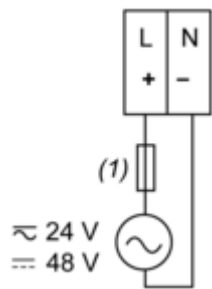
(1) Panel cut out

Wall Mounting



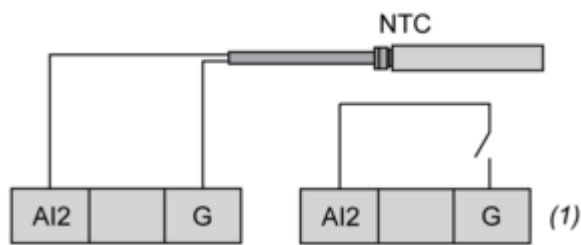
Connections and Schema

Power Supply



(1) Type T 630 mA fuse

Analog Inputs



(1) Digital input