

Main

Range of Product	Modicon M171/M172
Product or Component Type	Communication module
Concept	Modbus
Communication Port Protocol	Modbus TCP/IP HTTPS FTPS NTP SMTPS SNMP v2 SNMP v3 MQTT over TLS

Complementary

Power consumption in W	8 W
Integrated connection type	2 Ethernet TCP/IP 2 x RJ45 in parallel - ethernet cable - embedded HTTPS server 1 USB (V2.0) port USB host port type A 1 USB (V2.0) port USB device port type mini-B RS485 1 removable 3-way screw connector - twisted shielded pairs cable
Transmission rate	10/100/1000 Mbps for connecting Ethernet network 9600...115200 bauds RS485 link
Physical interface	10 BASE-T/100 BASE-TX/1000 BASE-T - 10/100/1000 BASE-TX RS485
Memory description	Internal RAM 256 MB Flash 512 MB
Supply	External power supply
Local signalling	For power ON LED (green) For USER (programmable) LED (red) For USER (programmable) LED (yellow) For USER (programmable) LED (green)
Product Compatibility	Logic controller M172
Overvoltage category	I
Width	4.3 in (110 mm)
Height	2.4 in (60 mm)
Depth	2.8 in (72 mm)
Net Weight	0.364 lb(US) (0.165 kg)

Environment

Product Certifications	cURus[RETURN]CSA[RETURN]EAC[RETURN]CE[RETURN]RCM[RETURN]UKCA
IP Degree of Protection	IP20
Ambient Air Temperature for Operation	-4...131 °F (-20...55 °C)
Ambient Air Temperature for Storage	-22...158 °F (-30...70 °C)
Relative Humidity	5...95 % non-condensing
Pollution degree	2
Shock resistance	1 g 11 ms

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Ordering and shipping details

Category	US1PC1222537
Discount Schedule	PC12
GTIN	3606482071117
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.76 in (7.000 cm)
Package 1 Width	3.54 in (9.000 cm)
Package 1 Length	5.12 in (13.000 cm)
Package 1 Weight	7.478 oz (212.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	7.628 lb(US) (3.460 kg)

Offer Sustainability

SCIP Number	Ceb36ed5-2dc8-4817-a9a7-a1a089eb9770
Packaging without single use plastic	No
Packaging made with recycled cardboard	No
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)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
Take-back	No
Carbon footprint (kg CO2 eq, Total Life cycle)	140