



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	LED (green) for power ON LED (red) for USER (programmable) LED (yellow) for USER (programmable) LED (green) for USER (programmable)
Product compatibility	Logic controller M172
Overvoltage category	I
Width	110 Mm
Height	60 Mm
Depth	72 Mm
Product weight	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	-20...55 °C
Ambient air temperature for storage	-30...70 °C
Relative humidity	5...95 % non-condensing
Pollution degree	2
Shock resistance	1 g for 11 ms

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	7.000 Cm
Package 1 Width	9.000 Cm
Package 1 Length	13.000 Cm
Package 1 Weight	212.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	3.460 Kg

Offer Sustainability

Recyclability potential, in %	8
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is k
Total lifecycle Carbon footprint	140 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	20.161611281250398
Carbon footprint of the manufacturing phase [A1 to A3]	20 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.06750339205923506
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.004607479110297941
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	119.3991197020858
Carbon footprint of the use phase [B2, B3, B4, B6]	119 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.5239881607089603
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.
Environmental Disclosure	 Product Environmental Profile
Total lifecycle Carbon footprint	140
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No

SCIP Number	Ceb36ed5-2dc8-4817-a9a7-a1a089eb9770
REACH Regulation	Reference contains Substances of Very High Concern above the threshold 🔗
EU RoHS Directive	Compliant By Exemption 🔗
Updatability	Yes
End of life manual availability	🔗 End Of Life Information
Removable battery	Yes
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and n

Contractual warranty

Warranty (in months)	18
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Product Life Status :	Commercialised
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