



Main

Range of product	Modicon M171/M172
Product or component type	Controller
Product specific application	HVAC and pumping solution
Variant	Programmable
Number of inputs/outputs	22
Discrete input number	6
Discrete output number	1 for open collector 3 for relay outputs SPST with same common 2 for relay outputs SPST with independent common
Discrete output current	2 A for relay
Analogue input number	2 configurable 3 analog input NTC
Analogue output number	3 voltage, range: 0...10 V 2 PWM/PPM, range: 20 kHz, 12 V, 35 mA

Complementary

Number of port	1 LAN expansion bus
Input/output number	5 analog output(s) 6 digital input(s) 5 analog input(s) 6 digital output(s)
Discrete input logic	Sink or source (positive/negative)
Contacts usage	Volt-free contacts
Analogue input type	Voltage 0...5 V (ratiometric) Voltage 0...10 V NTC temperature probe - 50...100 °C - resolution: 0.1 °C Current 0...20 mA/4...20 mA Voltage 0...1 V
Sensor power supply	12 V DC at 85 mA 5 V DC at 20 mA
[Us] rated supply voltage	12...24 V +/- 20 % AC/DC 24 V +/- 20 % DC
Power consumption in W	18 W at 24...48 V AC/DC
Realtime clock	Built-in clock at -10...55 °C
Display type	Without display

Overvoltage category	II
Local signalling	1 LED (red) for programmable 1 LED (yellow) for programmable 1 LED (green) for programmable
Mounting support	DIN rail
Width	140 Mm
Height	110 Mm
Depth	61.6 Mm
Product weight	0.385 Kg

Environment

Directives	86/188/EEC - physical agents (noise) directive 2006/95/EC - low voltage directive
Standards	EN/IEC 60730
Product certifications	CE[RETURN]cURus[RETURN]CSA[RETURN]EAC
Ambient air temperature for operation	-10...55 °C conforming to UL 60730-1
Ambient air temperature for storage	-40...85 °C
Relative humidity	10...90 % non-condensing
IP degree of protection	IP20
Pollution degree	2

Ordering and shipping details

Category	US1PC1222537
Discount Schedule	PC12
GTIN	3606480752803
Returnability	Yes
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.200 Cm
Package 1 Width	9.000 Cm
Package 1 Length	12.500 Cm
Package 1 Weight	226.000 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	3.590 Kg

Offer Sustainability

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 reproductive harm.
Mercury free	Yes
Sustainable packaging	Yes
Packaging made with recycled cardboard	Yes
REACH Regulation	Reference contains Substances of Very High Concern above the threshold 🔗
EU RoHS Directive	Compliant By Exemption 🔗
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never be incinerated or landfilled.

Contractual warranty

Warranty (in months)	18
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Product Life Status :	End of commerc. announced
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TM171OF22R may be replaced by any of the following products:



TM173OFM22R
Controller, Modicon M171/M172/M173, flush mounted, 22 IO, 2 RS485
Qty 1
Substitution date: |