

Product data sheet

Specifications



cartridge M200 - 2 Analog inputs / 1 Analog output

TMCR2AM3

Main

Range of product	Easy Modicon M200
Product or component type	Analogue I/O cartridge
Product compatibility	Easy Modicon M200
Analogue input number	2

Complementary

Analogue input type	current 4...20 mA current 0...20 mA voltage 0...10 V voltage 0...5 V
Analogue input resolution	16 bits
Analogue output number	1
Analogue output type	Current: 4...20 mA Voltage: 0...10 V Current: 0...20 mA Voltage: 0...5 V
Analogue output resolution	16 bits
LSB value	2 µA 0...5 V voltage 4...20 mA current 2 µA 0...10 V voltage 0...20 mA current 1 mV 0...20 mA current 0...5 V voltage 1 mV 4...20 mA current 0...10 V voltage
Load type	Resistive
Load impedance ohmic	<= 500 Ohm >= 2 kOhm
Conversion time	2 ms
Sampling duration	1 ms
Stabilisation time	40 ms
Absolute accuracy error	+/- 1 % of full scale at 55 °C
Cross talk	80 dB
Type of cable	Twisted shielded pairs cable
Electrical connection	7 x 1.5 mm ² screw terminal block with pitch 3.5 mm adjustment for inputs and outputs
Maximum cable distance between devices	Twisted shielded pairs cable: <30 m for input/output
Insulation	Between output and internal logic
Local signalling	1 LED (green) for PWR

Height	41 mm
Depth	15 mm
Width	35 mm
Net weight	0.024 kg
Permissible continuous overload	40 mA, analogue input type: current 30 V, analogue input type: voltage
Input impedance	<= 250 Ohm current >= 1 MOhm voltage

Environment

Marking	CE
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5 cm
Package 1 Width	6.3 cm
Package 1 Length	8.9 cm
Package 1 Weight	46 g
Unit Type of Package 2	S02
Number of Units in Package 2	32
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1830 g
Unit Type of Package 3	P12
Number of Units in Package 3	1536
Package 3 Height	95 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	96840 g

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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

Recommended replacement(s)