

Product data sheet

Specifications



Analogue output cartridge, Modicon M221, 2 analog current outputs, I/O extension

TMC2AQ2C

Main

Range of product	Modicon M221
Product or component type	Analogue output cartridge
Product compatibility	Modicon M221C

Complementary

Analogue output number	2
Analogue output type	Current: 4...20 mA
Analogue output resolution	12 bits
LSB value	3.91 μ A 4...20 mA current
Load type	Resistive
Load impedance ohmic	\leq 500 Ohm
Conversion time	20 ms
Stabilisation time	40 ms
Absolute accuracy error	+/- 1 % of full scale +/- 0.3 % of full scale at 25 °C
Temperature drift	+/- 0.02 %FS/°C
Repeat accuracy	+/- 0.4 %FS
Non-linearity	+/- 0.01 %FS
Cross talk	\leq 1 LSB
Type of cable	Twisted shielded pairs cable
Electrical connection	3 x 1.5 mm ² 2 screw terminal blocks with pitch 3.81 mm adjustment for outputs
Maximum cable distance between devices	Twisted shielded pairs cable: <30 m for output
Insulation	Non-insulated between analogue output and internal logic
Height	41 mm
Depth	15 mm
Width	35 mm
Net weight	0.015 kg

Environment

Immunity to microbreaks	10 ms
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Weight	20 g
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Package 1 Height	3.5 cm
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Package 1 width	7 cm
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Package 1 Length	4.6 cm
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Unit Type of Package 2	S02
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Number of Units in Package 2	75
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Package 2 Weight	3.364 kg
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Package 2 Height	15 cm
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Package 2 width	30 cm
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Package 2 Length	40 cm
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Offer Sustainability

Sustainable offer status	Green Premium product
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REACH Regulation	REACH Declaration
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EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
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Toxic heavy metal free	Yes
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Mercury free	Yes
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RoHS exemption information	Yes
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China RoHS Regulation	China RoHS declaration
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Environmental Disclosure	Product Environmental Profile
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Circularity Profile	End of Life Information
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PVC free	Yes
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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
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