Product datasheet

Specifications





analogue output cartridge, Modicon M221, 2 analog current outputs, IO 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: 420 mA	
Analogue Output Resolution	12 bits	
Lsb Value	3.91 µA 420 mA current	
Load Type	Resistive	
Load Impedance Ohmic	<= 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	<= 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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.56 cm
Package 1 Width	5.08 cm
Package 1 Length	6.86 cm
Package 1 Weight	40 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	75
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.364 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	2400
Package 3 Height	75 cm
Package 3 Width	120 cm
Package 3 Length	80 cm
Package 3 Weight	118 kg

Sustainability Screen

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Toxic Heavy Metal Free
Mercury Free
Rohs Exemption Information Yes
Pvc Free

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information