Product datasheet

Specifications

analogue output cartridge, Modicon M221, 2 analog voltage outputs, IO extension

TMC2AQ2V

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	Voltage: 0...10 V
Analogue Output Resolution	12 bits
Lsb Value	2.44 mV 0...10 V voltage
Load Type	Resistive
Load Impedance Ohmic	>= 2 kOhm
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 mm² 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.5 cm
Package 1 Width	7.0 cm
Package 1 Length	4.6 cm
Package 1 Weight	20.0 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	3.356 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	1200
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	75 kg

Sustainability

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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.

Learn more about Green Premium >

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