

Product data sheet

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: 4...20 mA
Analogue Output Resolution	12 bits
Lsb Value	3.91 µA 4...20 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 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
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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	3.56 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

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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
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