Product datasheet

Specifications

analogue output cartridge, Modicon M241, 2 analog outputs

TMC4AQ2

Main

Range Of Product	Modicon M241
Product Or Component Type	Analogue output cartridge
Product Compatibility	Modicon M241C

Complementary

Analogue Output Number	2
Analogue Output Type	Current: 4...20 mA Voltage: 0...10 V
Analogue Output Resolution	16 bits
Lsb Value	1 mV 0...10 V voltage 2 µA 4...20 mA current
Load Type	Resistive
Load Impedance Ohmic	<= 500 Ohm current >= 2 kOhm voltage
Conversion Time	10 ms + 1 controller cycle time
Stabilisation Time	10 ms
Absolute Accuracy Error	+/- 0.2 % of full scale at 25 °C
Temperature Drift	+/- 0.006 %FS/°C
Repeat Accuracy	+/- 0.5 %FS
Non-Linearity	+/- 0.05 %FS
Output Ripple	+/- 20 mV
Cross Talk	80 dB
Type Of Cable	Twisted shielded pairs cable
Electrical Connection	1 x 1.5 mm² 1 spring terminal block with pitch 3.81 mm adjustment for outputs and supply
Maximum Cable Distance Between Devices	Twisted shielded pairs cable: <30 m for input
Insulation	Between output and internal logic at 500 V DC Non-insulated between outputs
Supply Voltage Limits	20.4…28.8 V
Local Signalling	1 LED (green) for PWR
Height	50 mm
Depth	21 mm
Width	34 mm

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

Net Weight	0.055 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	7.0 cm
Package 1 Width	3.0 cm
Package 1 Length	3.5 cm
Package 1 Weight	74.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	27
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	2.042 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	432
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	44 kg

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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

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)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information