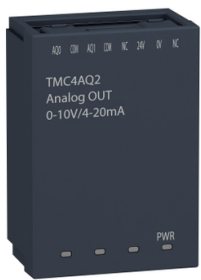


Product data sheet

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
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Environment

Immunity To Microbreaks	10 ms
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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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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
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