Product data sheet

Specifications

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

TMC2AQ2V

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 89.00 USD

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 77 °F (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 pitch 3.81 mm for outputs
Maximum Cable Distance Between Devices	Twisted shielded pairs cable <98.43 ft (30 m) output
Insulation	Non-insulated between analogue output and internal logic
Height	1.61 in (41 mm)
Depth	0.59 in (15 mm)
Width	1.38 in (35 mm)
Net Weight	0.03 lb(US) (0.015 kg)

Environment

Immunity To Microbreaks	10 ms

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Ordering and shipping details

Category	US10MSX22533
Discount Schedule	0MSX
Gtin	3606480649103
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.38 in (3.5 cm)
Package 1 Width	2.76 in (7.0 cm)
Package 1 Length	1.81 in (4.6 cm)
Package 1 Weight	0.71 oz (20.0 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	75
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	7.40 lb(US) (3.356 kg)
Unit Type Of Package 3	P06
Number Of Units In Package 3	1200
Package 3 Height	29.53 in (75 cm)
Package 3 Width	23.62 in (60 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	165.35 lb(US) (75 kg)

Sustainability

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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
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