Product data sheet

Specifications





analogue input cartridge, Modicon M241, 2 analog current inputs

TMC4AI2

Product availability: Stock - Normally stocked in distribution facility

Price*: 149.00 USD

Main

Range Of Product	Modicon M241	
Product Or Component Type	Analogue input cartridge	
Product Compatibility	Modicon M241C	
Analogue Input Number	2	

Complementary

Analogue Input Type	current 420 mA current 020 mA voltage 010 V	
Analogue Input Resolution	16 bits	
Lsb Value	1 mV voltage 2 μA current	
Sampling Duration	10 ms	
Absolute Accuracy Error	+/- 0.2 % of full scale at 77 °F (25 °C)	
Temperature Drift	+/- 0.006 %FS/°C	
Repeat Accuracy	+/- 0.2 %FS	
Non-Linearity	+/- 0.05 %FS	
Cross Talk	80 dB	
Type Of Cable	Twisted shielded pairs cable	
Electrical Connection	1 x 1.5 mm² 1 spring terminal block pitch 3.81 mm for inputs and supply	
Maximum Cable Distance Between Devices	Twisted shielded pairs cable <98.4 ft (30 m) input	
Insulation	Between input and internal logic 500 V DC Non-insulated between inputs	
Supply Voltage Limits	20.428.8 V	
Local Signalling	for PWR 1 LED (green)	
Height	2.0 in (50 mm)	
Depth	0.8 in (21 mm)	
Width	1.3 in (34 mm)	
Net Weight	0.121 lb(US) (0.055 kg)	
Permissible Continuous Overload	40 mA current 30 V voltage	
Input Impedance	<= 250 Ohm current >= 1 MOhm voltage	

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

Environment

Immunity To Microbreaks

10 ms

Ordering and shipping details

Category	US10MSX22533	
Discount Schedule	0MSX	
Gtin	3606480649165	
Returnability	Yes	
Country Of Origin	Of Origin	

Packing Units

Unit Type Of Package 1	PCE	
Number Of Units In Package 1	1	
Package 1 Height	2.8 in (7 cm)	
Package 1 Width	1.4 in (3.5 cm)	
Package 1 Length	1.2 in (3 cm)	
Package 1 Weight	2.6 oz (74 g)	
Unit Type Of Package 2	S02	
Number Of Units In Package 2	27	
Package 2 Height	5.9 in (15 cm)	
Package 2 Width	11.8 in (30 cm)	
Package 2 Length	15.7 in (40 cm)	
Package 2 Weight	2 Weight 4.94 lb(US) (2.24 kg)	



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Transparency RoHS/REACh

Well-being performance

	Mercury Free	
⊘	Rohs Exemption Information	Yes
⊘	Pvc Free	

Certifications & Standards

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
Circularity Profile	End of Life Information
Environmental Disclosure	Product Environmental Profile
China Rohs Regulation	China RoHS declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Reach Regulation	REACh Declaration