# **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 <98.43 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	1.97 in (50 mm)
Depth	0.83 in (21 mm)
Width	1.34 in (34 mm)
Net Weight	0.12 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	ID

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.76 in (7 cm)
Package 1 Width	1.38 in (3.5 cm)
Package 1 Length	1.18 in (3 cm)
Package 1 Weight	2.61 oz (74 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	27
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	4.94 lb(US) (2.24 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.

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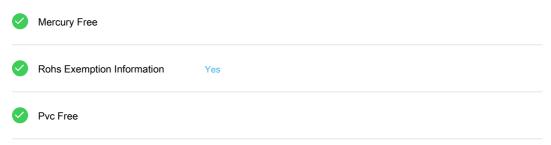
Guide to assess a product's sustainability >





Transparency RoHS/REACh

## Well-being performance



#### **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