

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 4...20 mA current 0...20 mA voltage 0...10 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	20.4...28.8 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)
Product Weight	0.12 lb(US) (0.055 kg)

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

Permissible continuous overload	40 mA current 30 V voltage
Input impedance	<= 250 Ohm current >= 1 MOhm voltage
Environment	
Immunity to microbreaks	10 ms
Ordering and shipping details	
Category	22533-M2XX PLC & ACCESSORIES
Discount Schedule	MSX
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)
Offer Sustainability	
Sustainable offer status	Green Premium product
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
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
PVC free	Yes
Recommended replacement(s)	