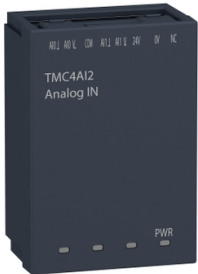


Product datasheet

Specifications



Analogue input cartridge. Modicon M241. 2 analog current inputs

TMC4AI2

Price: 4,624.18 ZAR

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 mVvoltage 2 µAcurrent
Sampling Duration	10 ms
Absolute Accuracy Error	+/- 0.2 % of full scale at 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 with pitch 3.81 mm adjustment for inputs and supply
Maximum Cable Distance Between Devices	Twisted shielded pairs cable: <30 m for input
Insulation	Between input and internal logic at 500 V DC Non-insulated between inputs
Supply Voltage Limits	20.4...28.8 V
Local Signalling	1 LED (green) for PWR
Height	50 mm
Depth	21 mm
Width	34 mm
Net Weight	0.055 kg
Permissible Continuous Overload	40 mA, analogue input type: current 30 V, analogue input type: voltage
Input Impedance	<= 250 Ohm current >= 1 MOhm voltage

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

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 cm
Package 1 Width	3.5 cm
Package 1 Length	3 cm
Package 1 Weight	74 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	2.24 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