



Price\* : 169.00 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	thermocouple - 200...1000 °C thermocouple J thermocouple - 200...1300 °C thermocouple K thermocouple 0...1760 °C thermocouple R thermocouple 0...1760 °C thermocouple S thermocouple 0...1820 °C thermocouple B thermocouple - 200...400 °C thermocouple T thermocouple - 200...1300 °C thermocouple N thermocouple - 200...800 °C thermocouple E Ni 100/Ni 1000 temperature probe - 60...180 °C Pt 100 temperature probe - 200...850 °C Pt 1000 temperature probe - 200...600 °C
Analogue input resolution	14 bits
LSB value	0.1 °C
Sampling duration	100 ms
Absolute accuracy error	+/- 0.5 % of full scale 77 °F (25 °C) Pt 100/Pt 1000, Ni 100/ Ni 1000 +/- 0.2 % of full scale 77 °F (25 °C) thermocouple K - 200...1300 °C +/- 0.2 % of full scale 77 °F (25 °C) thermocouple J - 200...1000 °C +/- 0.2 % of full scale 77 °F (25 °C) thermocouple E - 200...800 °C +/- 0.2 % of full scale 77 °F (25 °C) thermocouple T - 200...400 °C +/- 0.2 % of full scale 77 °F (25 °C) thermocouple N - 200...1300 °C +/- 0.2 % of full scale 77 °F (25 °C) thermocouple B 250...400 °C +/- 0.1 % of full scale 77 °F (25 °C) thermocouple B 400...1280 °C +/- 0.2 % of full scale 77 °F (25 °C) thermocouple R, S 0...1760 °C
Temperature drift	+/- 0.008 %FS/°C
Repeat accuracy	+/- 0.1 %FS

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

Non-linearity	+/- 0.05 %FS
Cross talk	80 dB
Type of cable	Twisted shielded pairs cable
Electrical connection	1 x 1.5 mm <sup>2</sup> 1 spring terminal block pitch 3.81 mm for outputs 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	PWR 1 LED green)
Maximum Height	1.97 in (50 mm)
Maximum Depth	0.83 in (21 mm)
Maximum Width	1.34 in (34 mm)
Net Weight	0.12 lb(US) (0.055 kg)
Permissible continuous overload	6 V
Input impedance	>= 1 MOhm

## Environment

Immunity to microbreaks	10 ms
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## Ordering and shipping details

Category	22533 - M2XX PLC & ACCESSORIES
Discount Schedule	MSX
GTIN	00785901309659
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14 lb(US) (0.06 kg)
Returnability	Yes
Country of origin	ID

## Packing Units

Package 1 Height	2.76 in (70.000 mm)
Package 1 width	1.38 in (35.000 mm)
Package 1 Length	1.18 in (30.000 mm)

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
PVC free	Yes