

Product data sheet

Specifications



analogue output cartridge, Modicon M241, 2 analog outputs

TMC4AQ2

Product availability : Stock - Normally stocked in distribution facility

Price* : 169.00 USD

Main

Range of Product	Modicon M241
Product or Component Type	Analogue output cartridge
Product Compatibility	Modicon M241C

Complementary

Analogue output number	2
Analogue output type	Current 4...20 mA Voltage 0...10 V
Analogue output resolution	16 bits
LSB value	1 mV 0...10 V voltage 2 µA 4...20 mA current
Load type	Resistive
Load impedance ohmic	<= 500 Ohm current >= 2 kOhm voltage
Conversion time	10 ms + 1 controller cycle time
Stabilisation time	10 ms
Absolute accuracy error	+/- 0.2 % of full scale at 77 °F (25 °C)
Temperature Drift	+/- 0.006 %FS/°C
Repeat accuracy	+/- 0.5 %FS
Non-linearity	+/- 0.05 %FS
Output ripple	+/- 20 mV
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 outputs and supply
Maximum cable distance between devices	Twisted shielded pairs cable <98.43 ft (30 m) input
Insulation	Between output and internal logic 500 V DC Non-insulated between outputs
Supply voltage limits	20.4...28.8 V
Local signalling	for PWR 1 LED (green)
Height	1.97 in (50 mm)

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

Depth	0.83 in (21 mm)
Width	1.34 in (34 mm)
Product Weight	0.12 lb(US) (0.055 kg)

Environment

Immunity to microbreaks	10 ms
-------------------------	-------

Ordering and shipping details

Category	22533-M2XX PLC & ACCESSORIES
Discount Schedule	MSX
GTIN	3606480649172
Returnability	No
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 (7.0 cm)
Package 1 Width	1.18 in (3.0 cm)
Package 1 Length	1.38 in (3.5 cm)
Package 1 Weight	2.61 oz (74.0 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	4.50 lb(US) (2.042 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	432
Package 3 Height	29.53 in (75 cm)
Package 3 Width	23.62 in (60 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	97.00 lb(US) (44 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)