

# Product data sheet

Specifications



analogue output cartridge, Modicon M221, 2 analog current outputs, IO extension

TMC2AQ2C

Product availability : Stock - Normally stocked in distribution facility

Price\* : 89.00 USD

## Main

Range of Product	Modicon M221
Product or Component Type	Analogue output cartridge
Product Compatibility	Modicon M221C

## Complementary

Analogue output number	2
Analogue output type	Current 4...20 mA
Analogue output resolution	12 bits
LSB value	3.91 µA 4...20 mA current
Load type	Resistive
Load impedance ohmic	<= 500 Ohm
Conversion time	20 ms
Stabilisation time	40 ms
Absolute accuracy error	+/- 1 % of full scale +/- 0.3 % of full scale at 77 °F (25 °C)
Temperature Drift	+/- 0.02 %FS/°C
Repeat accuracy	+/- 0.4 %FS
Non-linearity	+/- 0.01 %FS
Cross talk	<= 1 LSB
Type of Cable	Twisted shielded pairs cable
Electrical connection	3 x 1.5 mm² 2 screw terminal blocks pitch 3.81 mm for outputs
Maximum cable distance between devices	Twisted shielded pairs cable <98.43 ft (30 m) output
Insulation	Non-insulated between analogue output and internal logic
Height	1.61 in (41 mm)
Depth	0.59 in (15 mm)
Width	1.38 in (35 mm)
Product Weight	0.03 lb(US) (0.015 kg)

\* 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
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Ordering and shipping details

Category	22533-M2XX PLC & ACCESSORIES
Discount Schedule	MSX
GTIN	3606480649097
Returnability	Yes
Country of origin	JP

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.40 in (3.56 cm)
Package 1 Width	2.00 in (5.08 cm)
Package 1 Length	2.70 in (6.86 cm)
Package 1 Weight	1.41 oz (40 g)
Unit Type of Package 2	S02
Number of Units in Package 2	75
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	7.42 lb(US) (3.364 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	2400
Package 3 Height	29.53 in (75 cm)
Package 3 Width	47.24 in (120 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	260.15 lb(US) (118 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

PVC free

Yes

Recommended replacement(s)