Product data sheet
Characteristics

TMC4AQ2
analogue output cartridge, Modicon M241, 2 analog outputs



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 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 with pitch 3.5 mm adjustment for outputs and supply
Maximum cable distance between devices	Twisted shielded pairs cable: <30 m for input
Insulation	Between output and internal logic at 500 V DC Non-insulated between outputs
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

Environment

Immunity to microbreaks	10 Ms

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.0 Cm
Package 1 Width	3.0 Cm
Package 1 Length	3.5 Cm
Package 1 Weight	74.0 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	2.042 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	432
Package 3 Height	75 Cm
Package 3 Width	60 Cm
Package 3 Length	80 Cm
Package 3 Weight	44 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	Yes
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	D8dbab46-37ab-4503-807f-893da69cb5e6
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
PVC free	Yes
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised