Product data sheet
Characteristics

TMC4AQ2
cartridge 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	Voltage (0...10 V) Current (4...20 mA)
Analogue output resolution	16 bits
LSB value	2 µA current, output range: 4...20 mA 1 mV voltage, output range: 0...10 V
Load type	Resistive
Load impedance ohmic	>= 2 kOhm (voltage) <= 500 Ohm (current)
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 spring terminal block (pitch 3.81 mm) 1.5 mm² 1 for outputs and supply
Cable length	<= 30 m twisted shielded pairs cable (input)
Insulation	Non-insulated between outputs Between output and internal logic 500 V DC
Supply voltage limits	20.4...28.8 V
Local signalling	1 LED green PWR
Height	50 mm
Depth	21 mm
Width	34 mm
Product weight	0.055 kg

Environment

Immunity to microbreaks	10 ms

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It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1350 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual