Product data sheet
Characteristics

TMC2AQ2V
cartridge M221 - 2 analog voltage outputs - I/O extension



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	Voltage (0...10 V)
Analogue output resolution	12 bits
LSB value	2.44 mV voltage, output range: 0...10 V
Load type	Resistive
Load impedance ohmic	>= 2 kOhm
Conversion time	20 ms
Stabilisation time	40 ms
Absolute accuracy error	+/- 0.3 % of full scale at 25 °C +/- 1 % of full scale
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	2 screw terminal blocks (pitch 3.81 mm) 1.5 mm² 3 for outputs
Cable length	<= 30 m twisted shielded pairs cable (output)
Insulation	Non-insulated between analogue output and internal logic
Height	41 mm
Depth	15 mm
Width	35 mm
Product weight	0.015 kg

Environment

Immunity to microbreaks	10 ms

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1415 - Schneider Electric declaration of conformity
REACh	Reference contains SVHC above the threshold - go to CaP for more details
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

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