

TMC2AQ2V

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



Main

Commercial Status	Commercialised
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	$\geq 2 \text{ k}\Omega$
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	$\leq 1 \text{ LSB}$
Type of cable	Twisted shielded pairs cable
Electrical connection	2 screw terminal blocks (pitch 3.81 mm) 1.5 mm ² 3 for outputs
Cable length	$\leq 30 \text{ m}$ twisted shielded pairs cable (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)

Environment

Immunity to microbreaks	10 ms
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