



Main

Commercial Status	Commercialised
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 77 °F (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
Power consumption in W	2 W at 24 V DC
Electrical connection	1 spring terminal block (pitch 3.81 mm) 1.5 mm ² 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	1.97 in (50 mm)
Depth	0.83 in (21 mm)
Width	1.34 in (34 mm)
Product weight	0.12 lb(US) (0.055 kg)

Environment

Immunity to microbreaks	10 ms
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