



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 voltage, output range: 0...10 V 2 µA current, output range: 4...20 mA
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 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 distance between devices	Twisted shielded pairs cable: 30 m for 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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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

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Product environmental profile	Available
Product end of life instructions	Available