



Main

Range of product	Modicon M241
Product or component type	Analogue input cartridge
Product specific application	Hoisting applications
Product compatibility	Modicon M241C
Analogue input number	2

Complementary

Analogue input type	Current, input range: 4...20 mA Current, input range: 0...20 mA Voltage, input range: 0...10 V
Analogue input resolution	16 bits
LSB value	1 mV (voltage), output range: 0...10 V 2 μ A (current), output range: 0...20 mA 2 μ A (current), output range: 4...20 mA
Sampling duration	10 ms
Absolute accuracy error	+/- 0.2 % of full scale 25 °C
Temperature drift	+/- 0.006 %FS/°C
Repeat accuracy	+/- 0.2 %FS
Non-linearity	+/- 0.05 %FS
Cross talk	80 dB
Type of cable	Twisted shielded pairs cable
Electrical connection	1 spring terminal block (pitch 3.81 mm) 1.5 mm ² 1 for inputs and supply
Cable distance between devices	Twisted shielded pairs cable: 30 m for input
Insulation	Non-insulated between inputs Between input 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)
Permissible continuous overload	40 mA (current) 30 V (voltage)
Input impedance	\geq 1 MOhm voltage \leq 250 Ohm current

Environment

immunity to microbreaks	10 ms
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Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1350 - Schneider Electric declaration of conformity	Compliant - since 1350 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available

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Available

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WARNING: This product can expose you to chemicals including:

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Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

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