Product data sheet
Characteristics

TMC4PACK01
cartridge M241 - packaging 2 analog inputs



Main

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

Complementary

Analogue input type	Voltage, input range: 0...10 V Current, input range: 0...20 mA Current, input range: 4...20 mA
Analogue input resolution	16 bits
Permissible continuous overload	30 V (voltage) 40 mA (current)
Input impedance	>= 1 MOhm (voltage) <= 250 Ohm (current)
LSB value	2 µA (current), output range: 4...20 mA 2 µA (current), output range: 0...20 mA 1 mV (voltage), output range: 0...10 V
Sampling duration	10 ms
Absolute accuracy error	+/- 0.2 % of full scale at 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 mm² 1 for inputs and supply
Cable length	<= 30 m twisted shielded pairs cable (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	50 mm
Depth	21 mm
Width	34 mm
Product weight	0.055 kg

Environment

Immunity to microbreaks	10 ms

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RoHS (date code: YYWW)	Compliant - since 1350 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual