Product data sheet
Characteristics

TMC4HOIS01
cartridge M241 - hoisting 1 analog input



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	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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual