



## 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 4...20 mA Current 0...20 mA Voltage 0...10 V
Analogue input resolution	16 bits
LSB value	1 mV voltage 0...10 V 2 $\mu$ A current 0...20 mA 2 $\mu$ A current 4...20 mA
Sampling duration	10 ms
Absolute accuracy error	+/- 0.2 % of full scale 77 °F (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 x 1.5 mm <sup>2</sup> 1 spring terminal block pitch 3.81 mm for inputs and supply
Maximum cable distance between devices	Twisted shielded pairs cable <98.43 ft (30 m) input
Insulation	Between input and internal logic 500 V DC Non-insulated between inputs
Supply voltage limits	20.4...28.8 V
Local signalling	For PWR 1 LED (green)
Height	1.97 in (50 mm)
Depth	0.83 in (21 mm)
Width	1.34 in (34 mm)
Net Weight	0.12 lb(US) (0.055 kg)
Permissible continuous overload	40 mA current 30 V voltage
Input impedance	$\leq$ 250 Ohm current $\geq$ 1 MOhm voltage

## Environment

Immunity to microbreaks	10 ms
-------------------------	-------

## Ordering and shipping details

Category	22533-M2XX PLC & ACCESSORIES
Discount Schedule	MSX
GTIN	3606480649189
Nbr. of units in pkg.	1
Package weight(Lbs)	2.61 oz (74.0 g)
Returnability	No
Country of origin	ID

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.76 in (7 cm)
Package 1 width	1.38 in (3.5 cm)
Package 1 Length	1.18 in (3 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	27
Package 2 Weight	4.93 lb(US) (2.237 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
PVC free	Yes