

Product availability: Non-Stock - Not normally stocked in distribution facility



### Main

Range of product	Modicon M221
Product or component type	Analogue input cartridge
Product specific application	Packaging
Product compatibility	Modicon M221C
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	12 bits
LSB value	3.91 $\mu$ A (current), input range: 4...20 mA 2.44 mV (voltage), input range: 0...10 V 4.88 $\mu$ A (current), input range: 0...20 mA
Conversion time	20 ms
Sampling duration	10 ms
Absolute accuracy error	+/- 1 % of full scale +/- 0.1 % of full scale 25 °C
Temperature drift	+/- 0.02 %FS/°C
Repeat accuracy	+/- 0.5 %FS
Non-linearity	+/- 0.01 %FS
Cross talk	<= 1 LSB
Type of cable	Twisted shielded pairs cable
Electrical connection	2 screw terminal blocks (pitch 3.81 mm) 1.5 mm <sup>2</sup> 3 for inputs
Cable distance between devices	Twisted shielded pairs cable: 30 m for input
Insulation	Non-insulated between analogue input and internal logic
Height	1.61 in (41 mm)
Depth	0.59 in (15 mm)
Width	1.38 in (35 mm)
Product weight	0.03 lb(US) (0.015 kg)
Permissible continuous overload	13 V (voltage) 40 mA (current)
Input impedance	<= 250 Ohm current >= 1 MOhm voltage


### Environment

Immunity to microbreaks	10 ms
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## Ordering and shipping details

Category	22533 - M2XX PLC & ACCESSORIES
Discount Schedule	MSX
GTIN	003606480649134
Nbr. of units in pkg.	1
Package weight(Lbs)	8.0000000000000002E-2
Returnability	N
Country of origin	CN

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1415 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

# Mouser Electronics

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