



Main

Range of Product	Modicon M221
Product or Component Type	Analogue output cartridge
Product Compatibility	Modicon M221C

Complementary

Analogue output number	2
Analogue output type	Voltage 0...10 V
Analogue output resolution	12 bits
LSB value	2.44 mV 0...10 V voltage
Load type	Resistive
Load impedance ohmic	≥ 2 kOhm
Conversion time	20 ms
Stabilisation time	40 ms
Absolute accuracy error	+/- 1 % of full scale +/- 0.3 % of full scale at 77 °F (25 °C)
Temperature Drift	+/- 0.02 %FS/°C
Repeat accuracy	+/- 0.4 %FS
Non-linearity	+/- 0.01 %FS
Cross talk	≤ 1 LSB
Type of Cable	Twisted shielded pairs cable
Electrical connection	3 x 1.5 mm ² 2 screw terminal blocks pitch 3.81 mm for outputs
Maximum cable distance between devices	Twisted shielded pairs cable <98.43 ft (30 m) output
Insulation	Non-insulated between analogue output and internal logic
Height	1.61 in (41 mm)
Depth	0.59 in (15 mm)
Width	1.38 in (35 mm)
Net Weight	0.03 lb(US) (0.015 kg)

Environment

Immunity to microbreaks	10 ms
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Ordering and shipping details

Category	22533-M2XX PLC & ACCESSORIES
Discount Schedule	MSX
GTIN	3606480649103
Returnability	No
Country of origin	JP

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.38 in (3.5 cm)
Package 1 Width	2.76 in (7.0 cm)
Package 1 Length	1.81 in (4.6 cm)
Package 1 Weight	0.71 oz (20.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	75
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	7.40 lb(US) (3.356 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	1200
Package 3 Height	29.53 in (75 cm)
Package 3 Width	23.62 in (60 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	165.35 lb(US) (75 kg)

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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes