



Main

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

Complementary

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|--|---|
| 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 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

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| Immunity to microbreaks | 10 ms |
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Ordering and shipping details

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|-----------------------|--------------------------------|
| Category | 22533 - M2XX PLC & ACCESSORIES |
| Discount Schedule | MSX |
| GTIN | 3606480649103 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.71 oz (20 g) |
| Returnability | No |
| Country of origin | JP |

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.38 in (3.5 cm) |
| Package 1 width | 2.76 in (7 cm) |
| Package 1 Length | 1.81 in (4.6 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 75 |
| Package 2 Weight | 7.40 lb(US) (3.356 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

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|----------------------------|---|
| 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 |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| PVC free | Yes |