



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 | Current: 4...20 mA |
| Analogue output resolution | 12 bits |
| LSB value | 3.91 μ A 4...20 mA current |
| Load type | Resistive |
| Load impedance ohmic | \leq 500 Ohm |
| Conversion time | 20 ms |
| Stabilisation time | 40 ms |
| Absolute accuracy error | +/- 1 % of full scale +/- 0.3 % of full scale at 25 °C |
| Temperature drift | +/- 0.02 %FS/°C |
| Repeat accuracy | +/- 0.4 %FS |
| Non-linearity | +/- 0.01 %FS |
| Cross talk | \leq 1 LSB |
| Type of cable | Twisted shielded pairs cable |
| Electrical connection | 3 x 1.5 mm ² 2 screw terminal blocks with pitch 3.81 mm adjustment for outputs |
| Maximum cable distance between devices | Twisted shielded pairs cable: <30 m for output |
| Insulation | Non-insulated between analogue output and internal logic |
| Height | 41 mm |
| Depth | 15 mm |
| Width | 35 mm |
| Product weight | 0.015 kg |

Environment

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|-------------------------|-------|
| Immunity to microbreaks | 10 ms |
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Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.56 cm |
| Package 1 Width | 5.08 cm |
| Package 1 Length | 6.86 cm |
| Package 1 Weight | 40 g |

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|------------------------------|----------|
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 75 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 3.364 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 2400 |
| Package 3 Height | 75 cm |
| Package 3 Width | 120 cm |
| Package 3 Length | 80 cm |
| Package 3 Weight | 118 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |
| 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 |