



## 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                   | Current 4...20 mA   |
| Analogue output resolution             | 12 bits   |
| LSB value                              | 3.91 $\mu$ 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<br>+/- 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                             | $\leq$ 1 LSB  |
| Type of Cable                          | Twisted shielded pairs cable  |
| Electrical connection                  | 3 x 1.5 mm <sup>2</sup> 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 |
|-------------------------|-------|

## Ordering and shipping details

|                   |                              |
|-------------------|------------------------------|
| Category          | 22533-M2XX PLC & ACCESSORIES |
| Discount Schedule | MSX                          |
| GTIN              | 3606480649097                |
| Returnability     | Yes                          |
| Country of origin | JP                           |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 1.40 in (3.56 cm)      |
| Package 1 Width              | 2.00 in (5.08 cm)      |
| Package 1 Length             | 2.70 in (6.86 cm)      |
| Package 1 Weight             | 1.41 oz (40 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             | 7.42 lb(US) (3.364 kg) |
| Unit Type of Package 3       | P12                    |
| Number of Units in Package 3 | 2400                   |
| Package 3 Height             | 29.53 in (75 cm)       |
| Package 3 Width              | 47.24 in (120 cm)      |
| Package 3 Length             | 31.50 in (80 cm)       |
| Package 3 Weight             | 260.15 lb(US) (118 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 <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>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |
| PVC free                   | Yes   |