

# Product datasheet

Specifications



## cartridge M200 - 2 analog voltage outputs

TMCR2AQ2V

EAN Code: 3606480696244

### Main

|                           |                           |
|---------------------------|---------------------------|
| Range of product          | Easy Modicon M200         |
| Product or component type | Analogue output cartridge |
| Product compatibility     | Easy Modicon M200         |

### 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<br>+/- 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                             | <= 1 LSB                                                                      |
| Type of cable                          | Twisted shielded pairs cable                                                  |
| Electrical connection                  | 3 x 1.5 mm² 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                                                                         |
| Net weight                             | 0.012 kg                                                                      |

### Environment

|                         |       |
|-------------------------|-------|
| Immunity to microbreaks | 10 ms |
|-------------------------|-------|

### Packing Units

|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                              |         |
|------------------------------|---------|
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 4.6 cm  |
| Package 1 Width              | 7.0 cm  |
| Package 1 Length             | 3.5 cm  |
| Package 1 Weight             | 20.0 g  |
| 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             | 3.07 kg |
| Unit Type of Package 3       | P06     |
| Number of Units in Package 3 | 1200    |
| Package 3 Height             | 75 cm   |
| Package 3 Width              | 60 cm   |
| Package 3 Length             | 80 cm   |
| Package 3 Weight             | 106 kg  |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint                                |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 36 kg CO2 eq.                                 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 2 kg CO2 eq.                                  |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 34 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0 kg CO2 eq.                                  |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better

| Materials and Substances               |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                    |
| Packaging without single use plastic   | Yes                                                                                    |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |

## Use Again

| Repack and remanufacture        |                                         |
|---------------------------------|-----------------------------------------|
| Recyclability potential, in %   | 0                                       |
| End of life manual availability | <a href="#">End of Life Information</a> |
| Take-back                       | No                                      |