

# Product data sheet

Specifications



## Modicon M172 Display Color TouchScreen, Temperature, Humidity, built-in sensors

TM172DCLWTHP

**Product availability: Non-Stock - Not normally stocked in distribution facility**

### Main

|                           |                   |
|---------------------------|-------------------|
| Range of Product          | Modicon M171/M172 |
| Product or Component Type | Display module    |
| Supply                    | External source   |

### Complementary

|                           |                                                                                                                                                                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display Type              | LCD display<br>Colour touchscreen                                                                                                                                                                                                                                                                                    |
| Display Resolution        | 320 x 240 pixels                                                                                                                                                                                                                                                                                                     |
| Color                     | White                                                                                                                                                                                                                                                                                                                |
| [Us] rated supply voltage | 24 V AC/DC                                                                                                                                                                                                                                                                                                           |
| Power Consumption in W    | 3.2 VA<br>1.3 W                                                                                                                                                                                                                                                                                                      |
| Analogue input type       | NTC 10k type 2 temperature probe - 40...50 °C +/- 0.1 °C<br>NTC 10k temperature probe at 21 °C +/- 0.5 °C<br>Humidity probe 10...90 % without condensation 10...20 % +/- 10 %<br>Humidity probe 10...90 % without condensation 20...80 % +/- 5 %<br>Humidity probe 10...90 % without condensation 80...90 % +/- 10 % |
| Product Compatibility     | Logic controller M171<br>Logic controller M172                                                                                                                                                                                                                                                                       |
| Height                    | 4.7 in (120 mm)                                                                                                                                                                                                                                                                                                      |
| Width                     | 3.4 in (86 mm)                                                                                                                                                                                                                                                                                                       |
| Depth                     | 1.0 in (25 mm)                                                                                                                                                                                                                                                                                                       |
| Net Weight                | 0.75 lb(US) (0.34 kg)                                                                                                                                                                                                                                                                                                |

### Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Directives                            | 2014/30/EU - electromagnetic compatibility<br>2014/35/EU - low voltage directive |
| Standards                             | IEC 60950-1<br>EN 55024<br>EN 55032<br>CSA C22.2 No 24<br>UL 873                 |
| Product Certifications                | EAC<br>CE<br>RCM<br>cTUVus                                                       |
| Ambient Air Temperature for Operation | 32...122 °F (0...50 °C)                                                          |
| Ambient Air Temperature for Storage   | -22...122 °F (-30...50 °C)                                                       |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1PC1222537  |
| Discount Schedule | PC12          |
| GTIN              | 3606481267658 |
| Returnability     | Yes           |
| Country of origin | US            |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Nbr. of units in pkg.        | 1                       |
| Package 1 Height             | 1.969 in (5.000 cm)     |
| Package 1 Width              | 4.173 in (10.600 cm)    |
| Package 1 Length             | 6.102 in (15.500 cm)    |
| Package weight(Lbs)          | 7.972 oz (226.000 g)    |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 11                      |
| Package 2 Height             | 5.906 in (15.000 cm)    |
| Package 2 Width              | 11.811 in (30.000 cm)   |
| Package 2 Length             | 15.748 in (40.000 cm)   |
| Package 2 Weight             | 6.301 lb(US) (2.858 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                       | 63 kg CO2 eq.                                 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 9 kg CO2 eq.                                  |
| Carbon footprint of the distribution phase [A4]        | 0.1 kg CO2 eq.                                |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 54 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.5 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   | No                                                                                                                                                                                                                                                                                          |
| SCIP Number                            | Efa76fc9-0353-46a9-be6e-1c1736225165                                                                                                                                                                                                                                                        |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                      |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                      |
| 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> |

## Use Longer



### Lifetime extension

|                |     |
|----------------|-----|
| Upgradeability | Yes |
|----------------|-----|

## Use Again



### Repack and remanufacture

|                               |                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in % | 14                                                                                                                                                                                                               |
| Circularity Profile           | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| Take-back                     | No                                                                                                                                                                                                               |
| WEEE Label                    |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |