



### Commercial status

Discontinued on: 23 January 2021

End-of-service on: 23 January 2021

170DNT11000C has not been replaced. Please contact your customer care centre for more information.

 Discontinued

### Main

|                             |                                      |
|-----------------------------|--------------------------------------|
| Range of product            | Modicon Momentum automation platform |
| Product or component type   | Profibus DP communication adaptor    |
| Communication port protocol | Profibus DP                          |
| Method of access            | Master/slave                         |
| Transmission rate           | 9.6...12 Mbit/s                      |
| Transmission support medium | Twisted pair                         |

### Complementary

|  |                                  |
|--|----------------------------------|
| Topology                               | Ring<br>Multidrop                |
| Number of devices per segment          | 0...126                          |
| Maximum cable distance between devices | 1200 m                           |
| Addressing                             | Switch selectable                |
| Fail state                             | Fail safe                        |
| Control parameter                      | CRC-16                           |
| Supply                                 | From I/O base                    |
| Marking                                | CE                               |
| Local signalling                       | 1 LED (green) for bus fault (BF) |
| Electrical connection                  | 1 connector SUB-D 9              |
| Module format                          | Standard                         |
| Net weight                             | 0.07 kg                          |

### Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CSA<br>UL   |
| IP degree of protection               | IP20  |
| Protective treatment                  | Conformal coating Humiseal 1A33<br>TC                                       |
| Resistance to electrostatic discharge | 4 kV contact conforming to IEC 801-2<br>8 kV on air conforming to IEC 801-2 |
| Resistance to electromagnetic fields  | 10 V/m 80...1000 MHz conforming to IEC 801-3                                |

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

|                                       |                           |
|---------------------------------------|---------------------------|
| Ambient air temperature for operation | 0...60 °C                 |
| Ambient air temperature for storage   | -40...85 °C               |
| Relative humidity                     | 95 % without condensation |
| Operating altitude                    | <= 5000 m                 |

### Packing Units

|                  |            |
|------------------|------------|
| Package 1 Weight | 0.332 kg   |
| Package 1 Height | 55.000 mm  |
| Package 1 width  | 180.000 mm |
| Package 1 Length | 260.000 mm |

### Offer Sustainability

|                            |   |
|----------------------------|---|
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |

### Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|