

## Data sheet

IM 208DP, PROFIBUS-DP master (208-1DP01)

### Technical data

|  |   |
|--|---|
| <b>Order no.</b>                               | <b>208-1DP01</b>                          |
| Type   | IM 208DP, PROFIBUS-DP master              |
| <b>General information</b>                     |   |
| Note   | -   |
| Features                                       | RS485<br>12 Mbit/s<br>Up to 125 DP slaves |
| <b>Current consumption/power loss</b>          |   |
| Current consumption from backplane bus         | 450 mA                                    |
| Power loss                                     | 2 W                                       |
| <b>Status information, alarms, diagnostics</b> |   |
| Status display                                 | yes                                       |
| Interrupts                                     | yes, parameterizable                      |
| Process alarm                                  | yes, parameterizable                      |
| Diagnostic interrupt                           | yes, parameterizable                      |
| Diagnostic functions                           | yes                                       |
| Diagnostics information read-out               | possible                                  |
| Supply voltage display                         | none                                      |
| Group error display                            | red LED                                   |
| Channel error display                          | none                                      |
| <b>Functionality Sub-D interfaces</b>          |   |
| Type   | -   |
| Type of interface                              | RS485                                     |
| Connector                                      | Sub-D, 9-pin, female                      |
| Electrically isolated                          | yes                                       |
| MPI  | -   |
| MP <sup>2</sup> I (MPI/RS232)                  | -   |
| Point-to-point interface                       | -   |
| 5V DC Power supply                             | max. 90mA, isolated                       |
| 24V DC Power supply                            | -   |
| <b>Housing</b>                                 |   |
| Material                                       | PPE                                       |
| Mounting                                       | Profile rail 35 mm                        |
| <b>Mechanical data</b>                         |   |
| Dimensions (WxHxD)                             | 25.4 mm x 76 mm x 78 mm                   |
| Net weight                                     | 90 g                                      |
| Weight including accessories                   | -   |
| Gross weight                                   | -   |
| <b>Environmental conditions</b>                |   |
| Operating temperature                          | 0 °C to 60 °C                             |
| Storage temperature                            | -25 °C to 70 °C                           |
| <b>Certifications</b>                          |   |
| UL certification                               | yes                                       |

