



SIMATIC S7-1200, COMMUNICATION MODULE CM 1241, RS232, 9 PIN SUB D (MALE), SUPPORTS MESSAGE BASED FREEPORT

### Supply voltage

|   |        |
|---|--------|
| Rated value (DC)  | Yes    |
| <ul style="list-style-type: none"> <li>• 24 V DC</li> </ul> |        |
| permissible range, lower limit (DC)                         | 20.4 V |
| permissible range, upper limit (DC)                         | 28.8 V |

### Input current

|                           |        |
|---------------------------|--------|
| Current consumption, max. | 200 mA |
|---------------------------|--------|

### Power loss

|                  |       |
|------------------|-------|
| Power loss, typ. | 1.1 W |
|------------------|-------|

### Interfaces

|  |      |
|--|------|
| Number of interfaces   | 1    |
| Interface physics, RS 232C (V.24)                                      | Yes  |
| Point-to-point   |      |
| <ul style="list-style-type: none"> <li>• Cable length, max.</li> </ul> | 10 m |

### Ambient conditions

|  |   |
|--|---|
| Free fall  |   |
| <ul style="list-style-type: none"> <li>• Drop height, max. (in packaging)</li> </ul> | 0.3 m; five times, in dispatch package  |
| Ambient temperature during operation   |   |
| <ul style="list-style-type: none"> <li>• permissible temperature range</li> </ul>    | -20 °C to +60 °C horizontal mounting, -20 °C to 50 °C vertical mounting, 95% humidity, non-condensing |
| <ul style="list-style-type: none"> <li>• permissible temperature change</li> </ul>   | 5°C to 55°C, 3°C / minute   |
| Ambient temperature during storage/transportation                                    |   |
| <ul style="list-style-type: none"> <li>• min.</li> </ul>                             | -40 °C  |
| <ul style="list-style-type: none"> <li>• max.</li> </ul>                             | 70 °C   |

#### Air pressure acc. to IEC 60068-2-13

- |                           |           |
|---------------------------|-----------|
| • Operation, min.         | 795 hPa   |
| • Operation, max.         | 1 080 hPa |
| • Storage/transport, min. | 660 hPa   |
| • Storage/transport, max. | 1 080 hPa |

#### Relative humidity

- |   |      |
|---|------|
| • permissible range (without condensation) at 25 °C | 95 % |
|---|------|

#### Software

##### Runtime software

##### Target system

|           |     |
|-----------|-----|
| — S7-1200 | Yes |
|-----------|-----|

#### Dimensions

|        |        |
|--------|--------|
| Width  | 30 mm  |
| Height | 100 mm |
| Depth  | 75 mm  |

#### Weights

|                 |       |
|-----------------|-------|
| Weight, approx. | 150 g |
|-----------------|-------|

**last modified:** 10.06.2015