



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"> • 24 V DC | |
| permissible range, lower limit (DC) | 20.4 V |
| permissible range, upper limit (DC) | 28.8 V |

Input current

| | |
|---------------------------|-------------------------|
| Current consumption, max. | 220 mA; From L5+; logic |
|---------------------------|-------------------------|

Power losses

| | |
|------------------|-------|
| 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"> • Cable length, max. | 10 m |

Ambient conditions

| | |
|--|---|
| Free fall | |
| <ul style="list-style-type: none"> • Drop height, max. (in packaging) | 0.3 m; five times, in dispatch package |
| Ambient temperature in operation | |
| <ul style="list-style-type: none"> • Permissible temperature range | -20 °C to +60 °C horizontal mounting, -20 °C to 50 °C vertical mounting, 95% humidity, non-condensing |
| <ul style="list-style-type: none"> • Permissible temperature change | 5°C to 55°C, 3°C / minute |
| Ambient temperature during storage/transportation | |
| <ul style="list-style-type: none"> • Min. | -40 °C |
| <ul style="list-style-type: none"> • max. | 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: 20.04.2015