

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
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Power losses

Power loss, typ.	1.1 W
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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

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

Relative humidity

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

Runtime software

Target system

— S7-1200	Yes
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Dimensions

Width	30 mm
Height	100 mm
Depth	75 mm

Weights

Weight, approx.	150 g
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last modified: 20.04.2015