



SIMATIC S7-1200, COMMUNICATION MODULE CM 1241, RS422/485, 9 PIN SUB D (FEMALE) SUPPORTS MESSAGE BASED FREEPORT

Supply voltage	
Rated value (DC)	
<ul style="list-style-type: none"> • 24 V DC 	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Power losses	
Power loss, typ.	1.2 W
Interfaces	
Number of interfaces	1
Interface physics, RS 422/RS 485 (X.27)	Yes
Point-to-point	
<ul style="list-style-type: none"> • Cable length, max. 	1 000 m
Integrated protocol driver	
— ASCII	Yes; Available as library function
— USS	Yes; Available as library function
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

• 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.	155 g
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