

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



Supply voltage	
24 V DC	Yes
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	
• Cable length, max.	10 m
Climatic and mechanical conditions for storage and transport	
Climatic conditions for storage and transport	
Free fall	
— Drop height, max. (in packaging)	0.3 m; five times, in dispatch package
Temperature	

— Permissible temperature range	-40 °C to +70 °C
Air pressure acc. to IEC 60068-2-13	
— Permissible air pressure	1080 to 660 hPa
Relative humidity	
— Permissible range (without condensation) at 25 °C	95 %

Mechanical and climatic conditions during operation

Climatic conditions in operation

Temperature	
— Permissible temperature range	-20 °C to +60 °C horizontal mounting, -20 °C to 50 °C vertical mounting, 95% humidity, non-condensing
— Permissible temperature change	5°C to 55°C, 3°C / minute
Air pressure acc. to IEC 60068-2-13	
— Permissible air pressure	1080 to 795 hPa

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:	14.10.2014