

SIMATIC S7-1200, COMMUNICATION MODULE CM 1241,  
RS422/485, 9 PIN SUB D (FEMALE) 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.	220 mA; From backplane bus 5 V DC
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### Power loss

Power loss, typ.	1.1 W
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### Interfaces

Number of interfaces	1
Interface (physical) RS 422/485 (X.27)	Yes

### Point-to-point

<ul style="list-style-type: none"> <li>• Cable length, max.</li> </ul>	1 000 m
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### Integrated protocol driver

— ASCII	Yes; Available as library function
— USS	Yes; Available as library function

## Ambient conditions

### Ambient temperature during operation

- 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

### Ambient temperature during storage/transportation

- 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 %

## Dimensions

Width	30 mm
Height	100 mm
Depth	75 mm

## Weights

Weight, approx. 155 g

**last modified:** 22.01.2016