

Product-type designation



COMMUNICATION MODULE CM 1242-5;
FOR CONNECTION OF SIMATIC S7-1200 TO PROFIBUS
AS DP SLAVE MODULE

Transmission rate

Transmission rate / at interface 1 / in accordance with PROFIBUS	9.6 kbit/s ... 12 Mbit/s
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Interfaces

Number of electrical connections

- | | |
|--|---|
| • at interface 1 / in accordance with PROFIBUS | 1 |
| • for power supply | 0 |

Supply voltage, current consumption, power loss

Type of voltage / of supply voltage	DC
Supply voltage	
• 1 / from backplane bus	5 V
Consumed current	
• from backplane bus / at 5 V / for DC / Typical	0.15 A
Resistive loss	0.75 W

Permitted ambient conditions

Ambient temperature

- | | |
|--|----------------|
| • for vertical installation / during operating phase | 0 ... 45 °C |
| • for horizontal installation / during operating phase | 0 ... 55 °C |
| • during storage | -40 ... +70 °C |
| • during transport | -40 ... +70 °C |

Relative humidity

• at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20
Design, dimensions and weight	
Width	30 mm
Height	100 mm
Depth	75 mm
Net weight	0.115 kg
Product properties, functions, components / general	
Number of units	
• per CPU / maximum	3
Performance data	
Performance data / PROFIBUS DP	
Service / as DP slave	
• DPV0	Yes
• DPV1	Yes
Amount of data	
• of the address area of the inputs / as DP slave / overall	240 byte
• of the address area of the outputs / as DP slave / overall	240 byte
letzte Änderung:	Jul 17, 2012