



COMMUNICATIONS PROCESSOR CP5711 USB-ADAPTER (USB V2.0) FOR CONNECTING A PG OR NOTEBOOK TO PROFIBUS OR MPI; COMES WITH 2M USB CABLE AND 5M MPI CABLE

Transmission rate

Transmission rate

- at interface 1 / in accordance with PROFIBUS

- minimum

9.6 kbit/s

- maximum

12 Mbit/s

Interfaces

Number of electrical connections / at interface 1 / in accordance with PROFIBUS

1

Number of interfaces / according to USB

1

Number of electrical connections / for power supply

1

Standard for interfaces / USB 2.0

Yes

Supply voltage, current consumption, power loss

Type of power supply / optional external supply

Yes

Supply voltage

- from USB

5 V

- external

24 V

- minimum

18 V

- maximum

30 V

Relative symmetrical tolerance

- at 5 V / with DC

5 %

- at 24 V / with DC

5 %

Consumed current	
• from USB	0.5 A
• from external supply voltage	
• at 24 V / at DC / maximum	0.3 A
Resistive loss	2.5 W
Permitted ambient conditions	
Ambient temperature	
• during operating	5 ... 60 °C
• during storage	-20 ... +60 °C
• during transport	-20 ... +60 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	85 %
Protection class IP	IP20
Design, dimensions and weight	
Width	85 mm
Height	137 mm
Depth	35 mm
Net weight	500 g
Type of mounting / 35 mm DIN rail mounting	Yes
Product properties, functions, components / general	
Number of plug-in cards in the same design / can be plugged in / per PC station	1
Performance data	
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum	50
Performance data / PROFIBUS DP	
Service / as DP master	
• DPV0	Yes
• DPV1	No
• DPV2	No
Number of DP slaves / on DP master / usable	64
Amount of data	
• of the address area of the inputs / as DP master / overall	15616 byte
• of the address area of the outputs / as DP master / overall	15616 byte
• of the address area of the inputs / per DP slave	244 byte
• of the address area of the outputs / per DP slave	244 byte
• of the address area of the diagnostic data / per DP slave	244 byte
Service / as DP slave	
• DPV0	Yes

• DPV1	No
Amount of data	
• of the address area of the inputs / as DP slave / overall	122 byte
• of the address area of the outputs / as DP slave / overall	122 byte
Performance data / S7 communication	
Number of possible connections / for S7/PG communication / maximum	8
Performance data / multi-protocol mode	
Number of configurable connections / per PC station	207
Product functions / Diagnosis	
Product function / Port diagnostics	Yes
Standards, specifications, approvals	
Standard	
• for EMC	2004/108/EC
Verification of suitability	
• CE mark	Yes
• C-Tick	Yes
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