



COMMUNICATIONS PROCESSOR CP5711 USB-ADAPTOR (USB V2.0) FOR CONNECTING A PG OR NOTEBOOK TO PROFIBUS OR MPI; CONTAINS 2M USB 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 <ul style="list-style-type: none"> • from USB 5 V • external 24 V <ul style="list-style-type: none"> • minimum 18 V • maximum 30 V 	
Relative symmetrical tolerance <ul style="list-style-type: none"> • at 5 V / with DC 5 % • at 24 V / with DC 5 % 	

Consumed current	
<ul style="list-style-type: none"> • from USB 	0.5 A
<ul style="list-style-type: none"> • from external supply voltage 	
<ul style="list-style-type: none"> <ul style="list-style-type: none"> • at 24 V / at DC / maximum 	0.3 A
Resistive loss	2.5 W
Permitted ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • during operating 	0 ... 60 °C
<ul style="list-style-type: none"> • during storage 	-40 ... +60 °C
<ul style="list-style-type: none"> • during transport 	-40 ... +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	300 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	
<ul style="list-style-type: none"> • DPV0 	Yes
<ul style="list-style-type: none"> • DPV1 	No
<ul style="list-style-type: none"> • DPV2 	No
Number of DP slaves / on DP master / usable	64
Amount of data	
<ul style="list-style-type: none"> • of the address area of the inputs / as DP master / overall 	15616 byte
<ul style="list-style-type: none"> • of the address area of the outputs / as DP master / overall 	15616 byte
<ul style="list-style-type: none"> • of the address area of the inputs / per DP slave 	244 byte
<ul style="list-style-type: none"> • of the address area of the outputs / per DP slave 	244 byte
<ul style="list-style-type: none"> • of the address area of the diagnostic data / per DP slave 	244 byte
Service / as DP slave	
<ul style="list-style-type: none"> • 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
letzte Änderung:	Jul 17, 2012