

SIEMENS

Product data sheet

6GK1571-1AA00


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
	Yes

Supply voltage, current consumption, power loss

Type of power supply / optional external supply	Yes
Supply voltage	
•	5 V
• external	24 V
• minimum	18 V

<ul style="list-style-type: none"> • maximum 	30 V
Relative symmetrical tolerance	
<ul style="list-style-type: none"> • [nicht versorgt - bei 5 V] / [nicht versorgt - bei DC] 	5 %
<ul style="list-style-type: none"> • [nicht versorgt - bei 24 V] / [nicht versorgt - bei DC] 	5 %
[nicht versorgt: PMD_ABL985_001_000]	
<ul style="list-style-type: none"> • 	0.5 A
<ul style="list-style-type: none"> • [nicht versorgt - aus externer Versorgungsspannung] 	
<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 °C ... 60 °C
<ul style="list-style-type: none"> • during storage 	-40 °C ... 60 °C
<ul style="list-style-type: none"> • during transport 	-40 °C ... 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	
	1
Performance data	
Performance data / open communication	
	50
Performance data / PROFIBUS DP	
Service / [nicht versorgt - als DP-Master]	
<ul style="list-style-type: none"> • [nicht versorgt - DPV0] 	Yes
<ul style="list-style-type: none"> • [nicht versorgt - DPV1] 	No
<ul style="list-style-type: none"> • [nicht versorgt - DPV2] 	No
Number of DP slaves / on DP master / usable	64
Amount of data	

• of the address area of the outputs / [nicht versorgt - als DP-Master] / [nicht versorgt - gesamt]	15616 byte
• of the address area of the inputs / [nicht versorgt - je DP-Slave]	244 byte
• of the address area of the outputs / [nicht versorgt - je DP-Slave]	244 byte
• [nicht versorgt - des Adressbereiches der Diagnosedaten] / [nicht versorgt - je DP-Slave]	244 byte
Service / [nicht versorgt - als DP-Slave]	
• [nicht versorgt - DPV0]	Yes
• [nicht versorgt - DPV1]	No
Amount of data	
• of the address area of the inputs / [nicht versorgt - als DP-Slave] / [nicht versorgt - gesamt]	122 byte
• of the address area of the outputs / [nicht versorgt - als DP-Slave] / [nicht versorgt - gesamt]	122 byte
Performance data / S7 communication	
Number of possible connections / [nicht versorgt - für S7/PG-Kommunikation] / [nicht versorgt - maximal]	8
Performance data / multi-protocol mode	207
Product functions / Diagnosis	
Product function / Port diagnostics	Yes
Standards, specifications, approvals	
Verification of suitability	
• CE mark	Yes
• C-Tick	Yes
letzte Änderung:	Oct 31, 2011