

product type designation



CP 5711

Communications processor CP 5711 USB adapter (USB V2.0) for connection of a PG or Notebook to PROFIBUS or MPI; contain 2 m USB cable.

Technical Product Detail Page

<https://i.siemens.com/1P6GK1571-1AA00>

transfer rate

transfer rate

- at the 1st interface / according to PROFIBUS

9.6 kbit/s ... 12 Mbit/s

interfaces

number of electrical connections

- at the 1st interface / according to PROFIBUS
- for power supply

1

1

number of interfaces / according to USB

1

type of electrical connection

- at the 1st interface / according to PROFIBUS
- for power supply
- of the USB interface

9-pin Sub-D socket (RS 485)

2-pole terminal block

Standard-B socket with mechanical interlock

standard for interfaces / USB 2.0

Yes

supply voltage, current consumption, power loss

type of voltage / of the supply voltage

DC

type of voltage supply / optional external power supply

Yes

supply voltage

- from USB
- external
- external
- note

5 V

24 V

18 ... 30 V

Supplied directly from USB provided that supply from PC is adequate; alternative external supply is possible

relative symmetrical tolerance / at DC

- at 5 V
- at 24 V

5 %

5 %

consumed current

- from USB
- from external supply voltage / at DC / at 24 V / maximum

0.5 A

0.3 A

power loss [W]

2.5 W

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

0 ... 60 °C

-40 ... +60 °C

-40 ... +60 °C

relative humidity / at 25 °C / without condensation / during operation / maximum

85 %

protection class IP

IP20

design, dimensions and weights	
module format	USB V2.0 adapter
width	85 mm
height	137 mm
depth	35 mm
net weight	300 g
fastening method	Mounting on DIN rail with optional mounting rail support
fastening method / 35 mm DIN-rail mounting	Yes
product features, product functions, product components / general	
number of plug-in cards of same design / plug-in / per PC station	1
number of units / note	-
performance data / open communication	
software / for open communication / by means of SEND/RECEIVE / required	Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB S7
number of possible connections / for open communication / by means of SEND/RECEIVE / maximum	50
performance data / PROFIBUS DP	
software / for DP master function / required	Yes, SOFTNET-PB DP
service / as DP master	
• DPV0	Yes
• DPV1	No
• DPV2	No
number of DP devices / on DP master / operable	64
data volume	
• of the address range of the inputs / as DP master / total	15616 byte
• of the address range of the outputs / as DP master / total	15616 byte
• of the address range of the inputs / per DP device	244 byte
• of the address range of the outputs / per DP device	244 byte
• of the address range of the diagnostic data / per DP device	244 byte
software / for DP device function / required	Yes, SOFTNET-PB DP slave
service / as DP device	
• DPV0	Yes
• DPV1	No
data volume	
• of the address range of the inputs / as DP device / total	122 byte
• of the address range of the outputs / as DP device / total	122 byte
performance data / S7 communication	
software / for S7 communication / required	Yes, SOFTNET-PB S7
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 / management, configuration, engineering	
configuration software / required	Included in the scope of delivery of the required software product
product functions / diagnostics	
product function	
• port diagnostics	Yes
standards, specifications, approvals	
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	87.12 kg
• during manufacturing	17.94 kg
• during operation	69.05 kg
• after end of life	0.13 kg
accessories	
accessories	optional: MPI cable, mounting rail support

further information / internet links

internet link

- to website: Selection guide for cables and connectors
- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/109766358>
<https://www.siemens.com/tstcloud>
<https://www.siemens.com/simatic-net>
<https://sieportal.siemens.com/>
<https://www.automation.siemens.com/bilddb>
<https://www.siemens.com/cax>
<https://support.industry.siemens.com>

security information

security information

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Approvals / Certificates

General Product Approval



[Declaration of Conformity](#)



[China RoHS](#)

General Product Approval

EMV

For use in hazardous locations



[CCC-Ex](#)

Environment



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