

### 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.



### 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 1
- for power supply 1

number of interfaces / according to USB 1

type of electrical connection

- at the 1st interface / according to PROFIBUS 9-pin Sub-D socket (RS 485)
- for power supply 2-pole terminal block
- of the USB interface 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 5 V
- external 24 V
- external 18 ... 30 V
- note Supplied directly from USB provided that supply from PC is adequate; alternative external supply is possible

relative symmetrical tolerance / at DC

- at 5 V 5 %
- at 24 V 5 %

consumed current

- from USB 0.5 A
- from external supply voltage / at DC / at 24 V / maximum 0.3 A

power loss [W] 2.5 W

### ambient conditions

ambient temperature

- during operation 0 ... 60 °C
- during storage -40 ... +60 °C
- during transport -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 top hat 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 service / as DP master	Yes, SOFTNET-PB DP
<ul style="list-style-type: none"> <li>• DPV0</li> <li>• DPV1</li> <li>• DPV2</li> </ul>	Yes No No
number of DP slaves / on DP master / operable	64
data volume	
<ul style="list-style-type: none"> <li>• of the address range of the inputs / as DP master / total</li> <li>• of the address range of the outputs / as DP master / total</li> <li>• of the address range of the inputs / per DP slave</li> <li>• of the address range of the outputs / per DP slave</li> <li>• of the address range of the diagnostic data / per DP slave</li> </ul>	15616 byte 15616 byte 244 byte 244 byte 244 byte
software / for DP slave function / required service / as DP slave	Yes, SOFTNET-PB DP slave
<ul style="list-style-type: none"> <li>• DPV0</li> <li>• DPV1</li> </ul>	Yes No
data volume	
<ul style="list-style-type: none"> <li>• of the address range of the inputs / as DP slave / total</li> <li>• of the address range of the outputs / as DP slave / total</li> </ul>	122 byte 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
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#### product functions / management, configuration, engineering

configuration software / required	Included in the scope of delivery of the required software product
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#### product functions / diagnostics

product function	
<ul style="list-style-type: none"> <li>• port diagnostics</li> </ul>	Yes

#### standards, specifications, approvals

standard	
<ul style="list-style-type: none"> <li>• for EMC</li> <li>• for safety / from CSA and UL</li> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>	2004/108/EC CAN/CSA C22.2 & UL 60950-1 EN 61000-6-3, EN 61000-6-4 EN 61000-6-1, EN 61000-6-2
certificate of suitability	
<ul style="list-style-type: none"> <li>• CE marking</li> <li>• C-Tick</li> <li>• CCC / for hazardous zone according to GB standard</li> </ul>	Yes Yes Yes

#### accessories

accessories	optional: MPI cable, mounting rail support
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