

### product type designation

**CP 5612**

communications processor CP 5612 PCI card for connection connection of a PG or PC with PCI bus to PROFIBUS or MPI usable in 32 bit and 64 bit operating systems see also entry ID 22611503.



transfer rate	
transfer rate	
<ul style="list-style-type: none"> <li>at the 1st interface / according to PROFIBUS</li> </ul>	9.6 kbit/s ... 12 Mbit/s
interfaces	
number of electrical connections	
<ul style="list-style-type: none"> <li>at the 1st interface / according to PROFIBUS</li> </ul>	1
type of electrical connection	
<ul style="list-style-type: none"> <li>at the 1st interface / according to PROFIBUS</li> </ul>	9-pin Sub-D socket (RS 485)
supply voltage, current consumption, power loss	
type of voltage / of the supply voltage	DC
supply voltage	
<ul style="list-style-type: none"> <li>1 / from backplane bus</li> </ul>	3.3 V
<ul style="list-style-type: none"> <li>2 / from backplane bus</li> </ul>	12 V
relative symmetrical tolerance / at DC	
<ul style="list-style-type: none"> <li>at 3.3 V</li> </ul>	9 %
<ul style="list-style-type: none"> <li>at 12 V</li> </ul>	8 %
consumed current	
<ul style="list-style-type: none"> <li>1 / from backplane bus / at DC / maximum</li> </ul>	0.15 A
<ul style="list-style-type: none"> <li>2 / from backplane bus / at DC / maximum</li> </ul>	0.25 A
power loss [W]	3.5 W
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	5 ... 55 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-20 ... +60 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-20 ... +60 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP00
design, dimensions and weights	
module format	PCI
width	18 mm
height	107 mm
depth	125 mm
net weight	98 g
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	Yes
• DPV2	No
number of DP slaves / on DP master / operable	64
data volume	
• of the address range of the inputs / as DP master / total	14640 byte
• of the address range of the outputs / as DP master / total	14640 byte
• of the address range of the inputs / per DP slave	244 byte
• of the address range of the outputs / per DP slave	244 byte
• of the address range of the diagnostic data / per DP slave	244 byte
software / for DP slave function / required	Yes, SOFTNET-PB DP slave
service / as DP slave	
• DPV0	Yes
• DPV1	No
data volume	
• of the address range of the inputs / as DP slave / total	122 byte
• of the address range of the outputs / as DP slave / 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	
standard	
• for EMC	89/336/EEC
• for safety / from CSA and UL	CAN/CSA C22.2 & UL 60950-1, UL 1950
• for emitted interference	EN 61000-6-3
• for interference immunity	EN 61000-6-2
certificate of suitability	
• CE marking	Yes
• C-Tick	Yes
accessories	
accessories	optional: MPI cable
further information / internet-Links	
Internet-Link	
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="http://www.siemens.com/industrial-controls/mall">http://www.siemens.com/industrial-controls/mall</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
security information	

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security information

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