

## Data sheet

6GK1500-0EA02

product type designation	PROFIBUS plug RS 485
product description	Bus connector with axial cable outlet (180°)
	PROFIBUS bus connector with axial cable outlet for Industry PC, SIMATIC OP, OLM; transfer rate 12 Mbit/s; terminating resistor with isolating function, metal enclosure.
	
suitability for use	For connecting PROFIBUS nodes to the PROFIBUS bus cable
transfer rate	
transfer rate / with PROFIBUS	9.6 kbit/s ... 12 Mbit/s
interfaces	
number of electrical connections	
• for PROFIBUS cables	2
• for network components or terminal equipment	1
type of electrical connection	
• for PROFIBUS cables	Terminal blocks
• for network components or terminal equipment	Sub-D connector (9-pin)
type of electrical connection / FastConnect	No
mechanical data	
design of terminating resistor	Integrated resistor combination that can be selected with slide switch. Disconnect function: When the resistor is connected, the outgoing bus is isolated.
material / of the enclosure	metal
locking mechanism design	Screwed joint
design, dimensions and weights	
type of cable outlet	180° cable outlet
width	15 mm
height	57 mm
depth	39 mm
net weight	100 g
ambient conditions	
ambient temperature	
• during operation	0 ... 60 °C
• during storage	-25 ... +80 °C
• during transport	-25 ... +80 °C
relative humidity	
• at 25 °C / without condensation / during operation / maximum	75 %
protection class IP	IP20
product features, product functions, product components / general	
product feature	
• silicon-free	Yes
product component	
• PG connection socket	No
• strain relief	Yes
standards, specifications, approvals	

certificate of suitability	<ul style="list-style-type: none"> <li>• RoHS conformity</li> <li>• UL approval</li> <li>• cULus approval</li> <li>• railway application in accordance with EN 50155</li> </ul>	Yes No No No
reference code	<ul style="list-style-type: none"> <li>• according to IEC 81346-2:2019</li> </ul>	XGA

#### further information / internet links

internet link	<ul style="list-style-type: none"> <li>• to website: Selection guide for cables and connectors</li> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to website: Industrial communication</li> <li>• to web page: SiePortal</li> <li>• to website: Image database</li> <li>• to website: CAx-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a> <a href="https://sieportal.siemens.com">https://sieportal.siemens.com</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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#### Approvals / Certificates

General Product Approval	Test Certificates	Marine / Shipping
<a href="#">Declaration of Conformity</a> 	 <a href="#">Special Test Certificate</a>	 

#### Environment

[Confirmation](#)

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