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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	

12/9/2024

certificate of suitability	
● RoHS conformity	Yes
● UL approval	No
● cULus approval	No
● railway application in accordance with EN 50155	No
reference code	
● according to IEC 81346-2:2019	XGA

further information / internet links

internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to web page: SiePortal	https://sieportal.siemens.com
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

security information

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Approvals / Certificates

General Product Approval

Declaration of Conformity	CCC	EAC	CE EG-Konf.	Manufacturer Declaration	RCM

Test Certificates	Marine / Shipping		Environment
Special Test Certificate	DNV	Lloyd's Register LRS	Confirmation

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