SIEMENS

Data sheet 6GK1500-0FC10

product type designation	**PROFIBUS FC bus connector RS 485**
product description	Bus connector with axial cable outlet (180°)
	PROFIBUS FC RS 485 plug 180 PROFIBUS connector with FastConnect connection plug and axial cable outlet for Industry PC, SIMATIC OP, OLM, Transfer rate: 12 Mbit/s, terminating resistor with isolating function, plastic enclosure.



product brand name	SIMATIC NET
Technical Product Detail Page	https://i.siemens.com/1P6GK1500-0FC10
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	Integrated insulation displacement terminals for 2-core PB FC installation cables
● for network components or terminal equipment	Sub-D connector (9-pin)
type of electrical connection / FastConnect	Yes
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	plastic
locking mechanism design	Screwed joint
design, dimensions and weights	
type of cable outlet	180° cable outlet
width	16 mm
height	62 mm
depth	34.5 mm
net weight	40 g
ambient conditions	
ambient temperature	
● during operation	-40 ... +70 °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

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product component	
• PG connection socket	No
• strain relief	Yes
standards, specifications, approvals	
certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• cULus approval	Yes
• railway application in accordance with EN 50155	No
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	0.73 kg
• during manufacturing	0.44 kg
• during operation	0.24 kg
• after end of life	0.05 kg
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	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval

China RoHS | CCC | Declaration of Conformity | Manufacturer Declaration | CE EG-Konf. | EAC

General Product Approval	EMV	For use in hazardous locations		
RCM	RCM	ATEX	FM	CCC-Ex	IECEx

Test Certificates	Maritime application	Environment

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Special Test Certific-
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