

Data sheet

6GK1500-0FC10

product type designation

product description

PROFIBUS FC bus connector RS 485

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.



Technical Product Detail Page

<https://l.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

product component

<ul style="list-style-type: none"> • PG connection socket • strain relief 	No Yes				
standards, specifications, approvals					
certificate of suitability <ul style="list-style-type: none"> • RoHS conformity • UL approval • cULus approval • railway application in accordance with EN 50155 	Yes Yes Yes No				
standards, specifications, approvals / Environmental Product Declaration					
Environmental Product Declaration	Yes				
global warming potential [CO2 eq] <ul style="list-style-type: none"> • total • during manufacturing • during operation • after end of life 	0.73 kg 0.44 kg 0.24 kg 0.05 kg				
further information / internet links					
internet link <ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com https://www.automation.siemens.com/bilddb https://www.siemens.com/cax 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					
 EG-Konf.		China RoHS	 CCC	Declaration of Conformity	Manufacturer Declaration
General Product Approval	EMV	For use in hazardous locations			
 RCM	 RCM	 ATEX	FM	CCC-Ex	 IECEX
Test Certificates	Maritime application	Environment			

[Special Test Certificate](#)



last modified:

10/30/2025

TURLL

YOUR GLOBAL AUTOMATION PARTNER

6GK1500-0FC10

OFFICIAL DATASHEET & QUOTATION

- 100% New & Original Factory Sealed
- Global Express Shipping (DHL/FedEx/UPS)
- 12-Month Warranty Protection
- Professional Technical Support

[CHECK STOCK & PRICE](#)



Need Assistance? Scan to Chat on WhatsApp

sales@turl.com | +852 6339 7344