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.

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 contacts 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	
● PG connection socket	No

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● 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
further information / internet-Links	
Internet-Link	
● to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
● to website: Industrial communication	http://www.siemens.com/simatic-net
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx-Download-Manager	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

last modified: 6/30/2021 ⬀

4/7/2022