SIEMENS

Data sheet 6GK1500-0FC10

Product type designation
PROFIBUS FC bus connector RS 485

Product description
Bus connector with axial cable outlet (180°)
PB FC RS 485 PLUG 180, PB-PLUG WITH FASTCONNECT CONNECTOR AND AXIAL CABLE- OUTLET F. INDUSTRY PC, SIMATIC OP, OLM, TRANSMISSION RATE: 12 MBIT/S, TERMINATING RESISTOR WITH SEPARATING FUNCTION, PLASTIC HOUSING



Suitability for use	For connecting PROFIBUS nodes to the PROFIBUS bus cable
Transmission 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
Design, dimensions and weight	
Type of cable outlet	180° cable outlet
Width	16 mm
Height	62 mm
Depth	34.5 mm
Net weight	40 g

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Permitted 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 properties, functions, components / general	
Product property	
• silicon-free	Yes
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

Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• 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/automation/net/catalog
• 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

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