

Product type designation

Product description

PROFIBUS FC bus connector RS 485

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

Locking mechanism design	Screw
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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

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation 	-40 ... +70 °C
<ul style="list-style-type: none"> during storage 	-25 ... +80 °C
<ul style="list-style-type: none"> 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 feature	
<ul style="list-style-type: none"> silicon-free 	Yes
Product component	
<ul style="list-style-type: none"> PG connection socket 	No
<ul style="list-style-type: none"> strain relief 	Yes

Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity 	Yes
<ul style="list-style-type: none"> UL approval 	Yes
<ul style="list-style-type: none"> cULus approval 	Yes
<ul style="list-style-type: none"> Railway application in accordance with EN 50155 	No

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
<ul style="list-style-type: none"> to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> to website: CAx Download Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> to website: Industry Online Support 	https://support.industry.siemens.com

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