

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
- for network components or terminal equipment

2

1

Type of electrical connection

- for PROFIBUS cables
- for network components or terminal equipment

Integrated insulation displacement contacts for 2-core PB FC installation cables

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

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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