

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

| | |
|--|---|
| Locking mechanism design | Screw |
| 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 feature | |
| • 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/industry/infocenter |
| • 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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