

product type designation

product description

PROFIBUS FC bus connector RS 485

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
- 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

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
- during storage
- during transport

-40 ... +70 °C

-25 ... +80 °C

-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
- strain relief

No

Yes

standards, specifications, approvals

certificate of suitability

- RoHS conformity
- UL approval
- cULus approval
- railway application in accordance with EN 50155

Yes
Yes
Yes
No

further information / internet-Links

Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Selection guide for cables and connectors
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/tia-selection-tool>
<http://www.siemens.com/simatic-net>
<https://mall.industry.siemens.com>
<http://www.siemens.com/industry/infocenter>
<https://sie.ag/2QdlxcP>

<http://automation.siemens.com/bilddb>
<http://www.siemens.com/cax>
<https://support.industry.siemens.com>

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