

### 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>

### last modified:

10/15/2022 