

### 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

### 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
<b>Design, dimensions and weight</b>	
Type of cable outlet	180° cable outlet
Width	16 mm
Height	62 mm
Depth	34.5 mm
Net weight	40 g
<b>Permitted ambient conditions</b>	
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
<b>Product properties, functions, components / general</b>	
Product feature	
• silicon-free	Yes
Product component	
• PG connection socket	No
• strain relief	Yes
<b>Standards, specifications, approvals</b>	
Certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• cULus approval	Yes
• Railway application in accordance with EN 50155	No
<b>Further Information / Internet Links</b>	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx Download Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>last modified:</b>	08/01/2019