

### 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
<b>Transfer rate</b>	
Transfer rate / with PROFIBUS	9.6 kbit/s ... 12 Mbit/s
<b>Interfaces</b>	
Number of electrical connections	
• for PROFIBUS cables	2
• for network components or terminal equipment	1
Type of electrical connection	
• for PROFIBUS cables	Integrated insulation displacement contacts for 2-core PB FC installation cables
• for network components or terminal equipment	Sub-D connector (9-pin)
Type of electrical connection / FastConnect	Yes
<b>Mechanical data</b>	
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
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	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	-40 ... +70 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-25 ... +80 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-25 ... +80 °C
Relative humidity	
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	75 %
Protection class IP	IP20

#### Product features, product functions, product components / general

Product feature	
<ul style="list-style-type: none"> <li>silicon-free</li> </ul>	Yes
Product component	
<ul style="list-style-type: none"> <li>PG connection socket</li> </ul>	No
<ul style="list-style-type: none"> <li>strain relief</li> </ul>	Yes

#### Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> <li>RoHS conformity</li> </ul>	Yes
<ul style="list-style-type: none"> <li>UL approval</li> </ul>	Yes
<ul style="list-style-type: none"> <li>cULus approval</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Railway application in accordance with EN 50155</li> </ul>	No

#### Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> <li>to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
<ul style="list-style-type: none"> <li>to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
<ul style="list-style-type: none"> <li>to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
<ul style="list-style-type: none"> <li>to website: Image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>to website: CAx Download Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
<ul style="list-style-type: none"> <li>to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
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