

### Product type designation

Product description

### PB FC M12 Cable Connector PRO

M12 connector with socket insert, 5-pole, B-coded  
 PROFIBUS FC M12 Cable connector PRO, M12 plug-in connector  
 with rugged metal enclosure and FC connection system, with axial  
 cable outlet, for use with ET 200 PRO, Socket insert (B-coded) 1  
 pack = 1 unit



### Suitability for use

For connecting electrical PB FC bus cables to ET200 PRO,  
 suitable for fast assembly with the FastConnect system

### 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

1  
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  
 M12 connector (female insert, 5-pin, B-coded)

Type of electrical connection / FastConnect

Yes

### Mechanical data

Material / of the enclosure

metal

Number of reuses

10

Locking mechanism design

Screw

Design, dimensions and weights	
Type of cable outlet	180° cable outlet
Width	19 mm
Height	19 mm
Depth	73 mm
Net weight	40 g
Connectable cable cross-section	8 ... 8 mm

Ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	-40 ... +85 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-40 ... +85 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-40 ... +85 °C
Chemical resistance	
<ul style="list-style-type: none"> <li>to water</li> </ul>	resistant
Protection class IP	IP65/67

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>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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