

Product type designation

Product description

PB FC M12 Cable Connector PRO

M12 connector with socket insert, 5-pole, B-coded
 PB FC M12 CABLE CONNECTOR PRO, M12 PLUG CONNECTOR,
 WITH RUGGED METAL AND FC CONNECTING METHOD, WITH
 AXIAL CABLE OUTLET, FOR USE WITH ET200PRO, SOCKET
 CONNECTOR, (B CODED) PACKAGING UNIT 5 PIECES



Suitability for use

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

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

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

Design, dimensions and weight

Type of cable outlet

180° cable outlet

Width

19 mm

Height

19 mm

Depth

73 mm

Net weight

40 g

Permitted ambient conditions

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

Product properties, functions, components / general

Product property	
<ul style="list-style-type: none"> silicon-free 	Yes
Product component	
<ul style="list-style-type: none"> strain relief 	Yes

Standards, specifications, approvals

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

Further Information / Internet Links

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

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