

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=5 units



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 1
- 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 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 weight	
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

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

Product properties, functions, components / general	
Product feature	
<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 	Yes
<ul style="list-style-type: none"> UL approval 	Yes
<ul style="list-style-type: none"> cULus approval 	Yes
<ul style="list-style-type: none"> Railway application in accordance with EN 50155 	No

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