

product type designation

product description

PB FC M12 Plug PRO

M12 connector with pin insert, 4-pole, B-coded

PROFIBUS FC M12 plug PRO M12 plug-in connector with rugged metal enclosure and FC connection system, with axial cable outlet, for use with ET 200 PRO, pin 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

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 (male insert, 4-pin, B-coded)

type of electrical connection / FastConnect

Yes

mechanical data

material / of the enclosure

metal

number of reuses

10

locking mechanism design

Screwed joint

tightening torque / for M12 round connector / maximum

0.6 N·m

connector coding / of the M12 circular connector

B

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

6 ... 8 mm

connectable conductor cross-section

0.33 mm²

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +85 °C

-40 ... +85 °C

-40 ... +85 °C

chemical resistance

- to water

resistant

protection class IP

IP65/67

product features, product functions, product 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 web page: selection aid TIA Selection Tool ● to website: Industrial communication ● to website: Industry Mall ● to website: Information and Download Center ● to website: Selection guide for cables and connectors ● to website: Image database ● to website: CAx-Download-Manager ● to website: Industry Online Support 	http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter https://sie.ag/2QdlxcP http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
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