

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

- silicon-free

Yes

product component

- strain relief

Yes

standards, specifications, approvals

certificate of suitability

- RoHS conformity
- UL approval
- cULus approval
- railway application in accordance with EN 50155

Yes
Yes
Yes
No

further information / internet links

internet link

- to website: Image database
- to website: Industry Online Support

<https://www.automation.siemens.com/bilddb>
<https://support.industry.siemens.com>

security information

security information

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Approvals / Certificates

General Product Approval

Test Certificates

Environment

[Manufacturer Declaration](#)

[Declaration of Conformity](#)



[Special Test Certificate](#)

[Confirmation](#)

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