

product type designation

product description

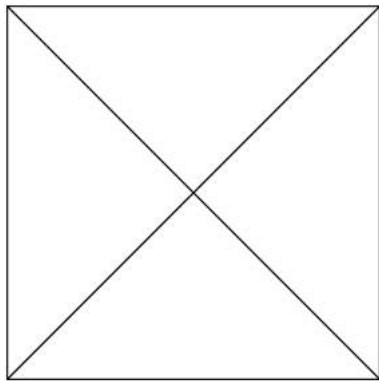


Figure similar

PB M12 connector

M12 connector with socket insert, 5-pole, B-coded

M12 connection plug for ET 200 with axial cable outlet for assembly in the field, female contact insert, 1 pack=5 units.

suitability for use

For connecting electrical PB bus cables to ET200

transfer 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 screw-type contacts for 2-core PB installation cables

- for network components or terminal equipment

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

type of electrical connection / FastConnect

No

mechanical data

material / of the enclosure

metal

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 ... +70 °C

-40 ... +80 °C

-40 ... +80 °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	Yes
• UL approval	No
• railway application in accordance with EN 50155	No
reference code	
• according to IEC 81346-2:2019	XGA

further information / internet links

internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com
• to website: Image database	https://www.automation.siemens.com/bilddb
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security information

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Approvals / Certificates

General Product Approval	Test Certificates
Declaration of Conformity	Special Test Certificate
	
	

last modified:

3/26/2025 