

product type designation

product description

PB M12 connector

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

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



product brand name

SIMATIC NET

Technical Product Detail Page

<https://l.siemens.com/1P6GK1905-0EA00>

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 (male insert, 4-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 -40 ... +70 °C
- during storage -40 ... +80 °C
- during transport -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	
<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 • railway application in accordance with EN 50155 	Yes No No
further information / internet links	
internet link	
<ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
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