

Data sheet

6GK1905-0EA00

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.



Technical Product Detail Page

<https://i.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

1

- for PROFIBUS cables

1

- for network components or terminal equipment

type of electrical connection

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

- for PROFIBUS cables

M12 connector (male insert, 4-pin, B-coded)

- for network components or terminal equipment

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

-40 ... +70 °C

- during operation

-40 ... +80 °C

- during storage

-40 ... +80 °C

- during transport

chemical resistance

resistant

- to water

protection class IP

IP65/67

product features, product functions, product components / general

product feature

Yes

- silicon-free

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
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
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