

## Data sheet

6GK1905-0EB00

### product type designation

#### product description

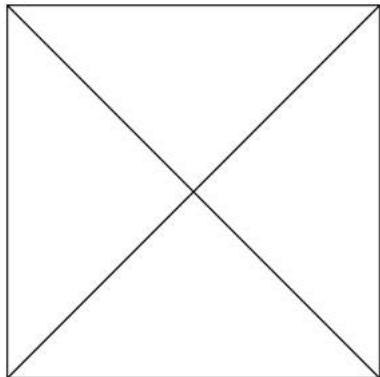


Figure similar

### 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.

### Technical Product Detail Page

<https://i.siemens.com/1P6GK1905-0EB00>

### 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
- for network components or terminal equipment

1

1

#### type of electrical connection

- for PROFIBUS cables
- for network components or terminal equipment

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

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 mm<sup>2</sup>

### 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	Yes
• strain relief	
<b>standards, specifications, approvals</b>	
certificate of suitability	
• RoHS conformity	Yes
• UL approval	No
• railway application in accordance with EN 50155	No
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>
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Approvals / Certificates	General Product Approval	Test Certificates
<a href="#">Declaration of Conformity</a> 		<a href="#">China RoHS</a> 
		<a href="#">Special Test Certificate</a>

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