

Data sheet

6GK1905-0EB00

Product type designation		PB M12 connector
Product description		M12 connector with socket insert, 5-pole, B-coded M12 CONNECTING PLUG FOR ET200 WITH AXIAL CABLE OUTLET F. FIELD ASSEMBLY, SOCKET CONNECTOR, PACK. UNIT 5 PIECES
Suitability for use		For connecting electrical PB bus cables to ET200
Transmission 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		Screw
Design, dimensions and weight		
Type of cable outlet		180° cable outlet
Width		19 mm
Height		19 mm
Depth		73 mm
Net weight		40 g
Connectable cable cross-section		8 ... 8 mm
Permitted 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 properties, functions, components / general		
Product feature		
• silicon-free		Yes
Product component		

- strain relief

Yes

Standards, specifications, approvals

Certificate of suitability

- RoHS conformity
- UL approval
- Railway application in accordance with EN 50155

Yes

No

No

Further Information / Internet Links

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://www.siemens.com/snst>

<http://www.siemens.com/simatic-net>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

last modified:

10/12/2016