

Data sheet

6GK1905-0EA00

Product type designation	<b>PB M12 connector</b>
Product description	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



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	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

#### 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	
• 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: Selector SIMATIC NET SELECTION TOOL	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx Download Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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