SIEMENS

Data sheet   6GK1905-0EA00

Product type designation	**PB M12 connector**
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
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	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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