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Show actual product details

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	

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• 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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