SIEMENS

Data sheet _____ 6GK1905-0EA10

Product type designation	PB FC M12 Plug PRO
Product description	M12 connector with pin insert, 4-pole, B-coded
	PB FC M12 PLUG PRO M12 PLUG CONNECTOR WITH RUGGED METAL HOUSING AND FC CONNECTING METHOD,WITH AXIAL CABLE OUTLET, FOR USE WITH ET200PRO, PIN CONNECTOR, (B CODED) PACKAGING UNIT 5 PIECES

Suitability for use	For connecting electrical PB FC bus cables to ET200 PRO, suitable for fast assembly with the FastConnect system

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 insulation displacement contacts for 2-core PB FC installation cables
• for network components or terminal equipment	M12 connector (male insert, 4-pin, B-coded)
Type of electrical connection / FastConnect	Yes

Mechanical data	
Material / of the enclosure	metal
Number of reuses	10
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

Permitted ambient conditions	
Ambient temperature	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °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	Yes
• UL approval	Yes
• cULus approval	Yes
• 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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