

Data sheet

6GK1905-0ED00

Product type designation

Product description

PB M12 termination connector

M12 termination connector with socket insert, 5-pole, B-coded
M12 TERMINATING CONNECTOR FOR ET200 W. INTEGR.
TERMINATOR COMBINATION F. PB, SOCKET INSERT
PACKAGING UNIT 5 PCS



Suitability for use

As terminating plug-in connector with integrated terminating resistors for ET200 PRO

Transmission rate

Transfer rate / with PROFIBUS

9.6 kbit/s ... 12 Mbit/s

Interfaces

Number of electrical connections

- for network components or terminal equipment

1

Type of electrical connection

- for network components or terminal equipment

M12 connector (female insert, 5-pin, B-coded)

Type of electrical connection / FastConnect

No

Mechanical data

Design of terminating resistor

Integrated resistor combination

Material / of the enclosure

metal

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 ... +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 property	
• silicon-free	Yes
Product component	
• strain relief	Yes

Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes
• UL 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/automation/net/catalog
• 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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