

product type designation

product description

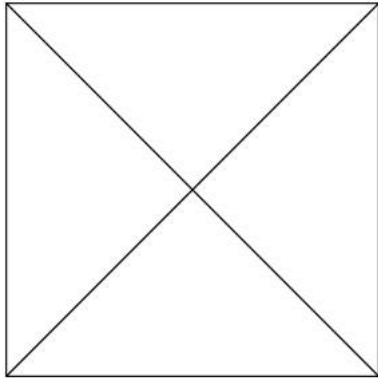


Figure similar

PB M12 connector

M12 connector with socket insert, 5-pole, B-coded

M12 connection plug for ET 200 with axial cable outlet for assembly in the field, female contact insert, 1 pack=5 units.

product brand name	SIMATIC NET
Technical Product Detail Page	https://l.siemens.com/1P6GK1905-0EB00
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 (female insert, 5-pin, B-coded)
type of electrical connection / FastConnect	No
mechanical data	
material / of the enclosure	metal
locking mechanism design	Screwed joint
tightening torque / for M12 round connector / maximum	0.6 N·m
connector coding / of the M12 circular connector	B
design, dimensions and weights	
type of cable outlet	180° cable outlet
width	19 mm
height	19 mm
depth	73 mm
net weight	40 g
connectable cable cross-section	6 ... 8 mm
connectable conductor cross-section	0.33 mm ²
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	

<ul style="list-style-type: none"> silicon-free 	Yes
product component	
<ul style="list-style-type: none"> strain relief 	Yes

standards, specifications, approvals

certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity 	Yes
<ul style="list-style-type: none"> UL approval 	No
<ul style="list-style-type: none"> railway application in accordance with EN 50155 	No

further information / internet links

internet link	
<ul style="list-style-type: none"> to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to website: Industrial communication to web page: SiePortal to website: Image database to website: CAx-Download-Manager to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com

security information

security information	<p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)</p>
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Approvals / Certificates

General Product Approval

[Declaration of Conformity](#)



[China RoHS](#)



Test Certificates

[Special Test Certificate](#)

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