

Data sheet

6GK1907-0DC10-6AA3

product type designation

product description



Power M12 Cable Connector PRO

M12 power connector socket, 4-pole, A-coded

IE Power M12 Cable Connector PRO connection socket for connection of SCALANCE W-700/X208PRO for DC 24 V supply voltage 4-pole, A-coded, with installation instructions, 3 units.

suitability for use

For connection to SCALANCE W-700 / X208PRO for 24 V DC voltage supply

interfaces

number of electrical connections

- for network components or terminal equipment

1

type of electrical connection

- for PROFIBUS cables
- for network components or terminal equipment

Integrated screw contacts for 2-core power cables

M12 connector (female insert, A-coded, 4-pin)

type of electrical connection / FastConnect

No

mechanical data

material / of the enclosure

plastic

locking mechanism design

Screwed joint

tightening torque / for M12 round connector / maximum

0.6 N·m

connector coding / of the M12 circular connector

A

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

0.75 mm²

- solid

0.75 mm²

- finely stranded / with core end processing

0.75 mm²

- finely stranded / without core end processing

0.75 mm²

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +70 °C

-40 ... +80 °C

-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	<ul style="list-style-type: none"> • RoHS conformity • UL approval • railway application in accordance with EN 50155 	Yes Yes No
further information / internet links		
internet link	<ul style="list-style-type: none"> • to website: Image database • to website: Industry Online Support 	https://www.automation.siemens.com/bilddb https://support.industry.siemens.com
security information		
security information	<p>Siemens provides products and solutions with industrial security 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 security 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 security measures that may be implemented, please visit https://www.siemens.com/industrialsecurity. 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 Security RSS Feed under https://www.siemens.com/cert. (V4.6)</p>	

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