

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
- finely stranded / with core end processing
- finely stranded / without core end processing

0.75 mm²

0.75 mm²

0.75 mm²

ambient conditions

ambient temperature

-40 ... +70 °C

- during operation
- during storage
- during transport

-40 ... +80 °C

-40 ... +80 °C

chemical resistance

resistant

- to water

IP65/67

product features, product functions, product components / general

product feature

Yes

- silicon-free

product component

Yes

- strain relief

standards, specifications, approvals

certificate of suitability

- RoHS conformity
- UL approval
- railway application in accordance with EN 50155

Yes

Yes

No

further information / internet-Links

Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Selection guide for cables and connectors
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/tia-selection-tool><http://www.siemens.com/simatic-net><https://mall.industry.siemens.com><http://www.siemens.com/industry/infocenter><https://sie.ag/2QdlxcP><http://automation.siemens.com/bilddb><http://www.siemens.com/cax><https://support.industry.siemens.com>**last modified:**6/30/2021 