

product type designation

product description

Power M12 Plug PRO

M12 power connector, 4-pole, A-coded

IE Power M12 Cable Connector PRO; plug-in connector for connection to power supply PS791-1PRO for 24 V DC supply voltage with installation instructions, 4-pole, A-coded, 3 units.



Technical Product Detail Page

<https://l.siemens.com/1P6GK1907-0DB10-6AA3>

suitability for use

For connection to PS791-1PRO power supply 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 (male 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

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

- RoHS conformity Yes
- UL approval Yes
- railway application in accordance with EN 50155 No

further information / internet links

internet link

- to website: Selection guide for cables and connectors <https://support.industry.siemens.com/cs/ww/en/view/109766358>
- to web page: selection aid TIA Selection Tool <https://www.siemens.com/tstcloud>
- to website: Industrial communication <https://www.siemens.com/simatic-net>
- to web page: SiePortal <https://sieportal.siemens.com>
- to website: Image database <https://www.automation.siemens.com/bilddb>
- to website: CAx-Download-Manager <https://www.siemens.com/cax>
- to website: Industry Online Support <https://support.industry.siemens.com>

security information

security information

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Approvals / Certificates

General Product Approval

Test Certificates

[Declaration of Conformity](#)



[China RoHS](#)



[Special Test Certificate](#)

Industrial Communication

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