

product type designation

product description



Power M12 Cable Connector PRO

M12 plug-in connector with socket insert, rated current 12 A (70 °C), 4-pole, L-coded

Power M12 cable connector PRO axial cable outlet for assembly in the field, female contact insert, L-coded (socket) 1 pack = 1 unit.

Technical Product Detail Page

<https://i.siemens.com/1P6GK1906-0EB00>

suitability for use

For 24 V DC power supply of devices with L-coded M12 interface

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 contact insert, 4-pole, L-coded)

type of electrical connection / FastConnect

No

electrical data

ampacity / up to 70 °C / maximum

12 A

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

L

design, dimensions and weights

type of cable outlet

180° cable outlet

width

23 mm

height

23 mm

depth

66.1 mm

net weight

96 g

connectable cable cross-section

6 ... 8 mm

connectable conductor cross-section

1.5 ... 2.5 mm²

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +105 °C

-40 ... +105 °C

-40 ... +105 °C

chemical resistance

- to water

resistant

protection class IP

IP67/69K

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

Industrial Communication



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