

product type designation

product description

Power M12 Plug PRO

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

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



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 (male 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

69.4 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

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
- railway application in accordance with EN 50155

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>

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