

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
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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	-40 ... +105 °C
• during storage	-40 ... +105 °C
• during transport	-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	
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- 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>

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