

Product type designation

Power M12 Plug PRO

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



Suitability for use	For 24 V DC power supply of devices with L-coded M12 interface
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Interfaces

Number of electrical connections	1
• for network components or terminal equipment	
Type of electrical connection	M12 connector (male contact insert, 4-pole, L-coded)
• for network components or terminal equipment	
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	Screw
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	7 ... 9 mm
Connectable conductor cross-section	
• finely stranded / with core end processing	1.5 mm ²
• finely stranded / without core end processing	1.5 mm ²

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

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	No
• Railway application in accordance with EN 50155	No

Further information / Internet-Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAX Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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