

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 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
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
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
<ul style="list-style-type: none"> finely stranded / with core end processing finely stranded / without core end processing 	1.5 mm ² 1.5 mm ²

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	-40 ... +105 °C -40 ... +105 °C -40 ... +105 °C
chemical resistance	
<ul style="list-style-type: none"> to water 	resistant
protection class IP	IP67

product features, product functions, product components / general

product feature	
<ul style="list-style-type: none"> silicon-free 	Yes
product component	
<ul style="list-style-type: none"> strain relief 	Yes

standards, specifications, approvals

certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity UL approval railway application in accordance with EN 50155 	Yes No No

further information / internet-Links

Internet-Link	
<ul style="list-style-type: none"> to web page: selection aid TIA Selection Tool to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database to website: CAx-Download-Manager to website: Industry Online Support 	http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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