

product type designation

product description

Power M12 Plug PRO

M12 power connector, 4-pole, A-coded

IE Power M12 Cable Connector PRO; plug-in connector for connection to power supply PS791-1PRO for 24 V DC supply voltage with installation instructions, 4-pole, A-coded, 3 units.



suitability for use

For connection to PS791-1PRO power supply for 24 V DC voltage supply

interfaces

number of electrical connections	
• for network components or terminal equipment	1
type of electrical connection	
• for PROFIBUS cables	Integrated screw contacts for 2-core power cables
• for network components or terminal equipment	M12 connector (male insert, A-coded, 4-pin)
type of electrical connection / FastConnect	No

mechanical data

material / of the enclosure	plastic
locking mechanism design	Screwed joint
tightening torque / for M12 round connector / maximum	0.6 N·m
connector coding / of the M12 circular connector	A

design, dimensions and weights

type of cable outlet	180° cable outlet
width	19 mm
height	19 mm
depth	73 mm
net weight	40 g
connectable cable cross-section	6 ... 8 mm
connectable conductor cross-section	0.75 mm²

ambient conditions

ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
chemical resistance	
• to water	resistant
protection class IP	IP65/67

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 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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