

### product type designation

product description



### Power M12 Cable Connector PRO

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

Power M12 cable connector PRO axial cable outlet for assembly in the field, female contact insert, L-coded (socket) 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 (female 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

66.1 mm

net weight

96 g

connectable cable cross-section

6 ... 8 mm

connectable conductor cross-section

1.5 ... 2.5 mm<sup>2</sup>

### ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +105 °C

-40 ... +105 °C

-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

<ul style="list-style-type: none"> <li>• RoHS conformity</li> <li>• UL approval</li> <li>• railway application in accordance with EN 50155</li> </ul>	<p>Yes</p> <p>Yes</p> <p>No</p>
reference code	XGA
<ul style="list-style-type: none"> <li>• according to IEC 81346-2:2019</li> </ul>	XGA

**further information / internet links**

internet link	
<ul style="list-style-type: none"> <li>• to website: Selection guide for cables and connectors</li> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to website: Industrial communication</li> <li>• to web page: SiePortal</li> <li>• to website: Image database</li> <li>• to website: CAx-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<p><a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a></p> <p><a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a></p> <p><a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a></p> <p><a href="https://sieportal.siemens.com">https://sieportal.siemens.com</a></p> <p><a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a></p> <p><a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a></p> <p><a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></p>

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**Approvals / Certificates**

General Product Approval	Industrial Communication
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