

### product type designation

product description

### Control M12 cable connector PRO

M12 connection socket, 5-pin, A-coded

control M12 cable connector PRO can be assembled in the field; socket for connection of IO-Link sensors/actuators 5-pole; A-coded, 1 unit.



### suitability for use

Connection socket suitable for on-site assembly, for connecting IO-Link sensors/actuators

### interfaces

#### number of electrical connections

- for network components or terminal equipment

5

#### type of electrical connection / FastConnect

No

### electrical data

#### voltage / rated value / maximum

60 V

#### ampacity / of the contacts / maximum

3 A

### mechanical data

#### material / of the enclosure

plastic

#### locking mechanism design

Screwed joint

#### number of poles

5

#### 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

20.2 mm

#### height

20.2 mm

#### depth

54 mm

#### net weight

0.024 g

#### connectable cable cross-section

4 ... 6 mm

#### connectable conductor cross-section

0.4 ... 0.75 mm<sup>2</sup>

### ambient conditions

#### ambient temperature

- during operation
- during storage
- during transport

-40 ... +85 °C

-40 ... +85 °C

-40 ... +85 °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

<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**



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