

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 mm²

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

further information / internet links

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

security information

security information	<p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)</p>
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Approvals / Certificates

General Product Approval



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