

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.



Technical Product Detail Page

<https://i.siemens.com/1P6GK1908-0DC10-6AA0>

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

- | | |
|---|-----|
| • RoHS conformity | Yes |
| • UL approval | Yes |
| • railway application in accordance with EN 50155 | No |

further information / internet links

internet link

- | | |
|---|---|
| • to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| • to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud |
| • to website: Industrial communication | https://www.siemens.com/simatic-net |
| • to web page: SiePortal | https://sieportal.siemens.com |
| • to website: Image database | https://www.automation.siemens.com/bilddb |
| • to website: CAx-Download-Manager | https://www.siemens.com/cax |
| • to website: Industry Online Support | https://support.industry.siemens.com |

security information

security information

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Approvals / Certificates

General Product Approval



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