

product type designation

product description



IE M12 Plug PRO (PROFINET)

M12 connector with high protection, 4-pole, D-coded

IE M12 plug PRO M12 plug-in connector with rugged metal enclosure and quick-connect technology, 180° cable outlet (D-coded) 1 pack=1 unit for SCALANCE X208 PRO and ET 200 PRO PN.

suitability for use

For connecting electrical cables to SCALANCE X208PRO, ET200 PRO PN or ET200 eco PN, with insulation displacement contacts

transfer rate

transfer rate / for Industrial Ethernet

10 Mbit/s, 100 Mbit/s

interfaces

number of electrical connections

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

4

1

type of electrical connection

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

integrated cut-and-clamp contacts for 4-wire TP FC installation cable AWG22 M12 plug (D-coded, male)

type of electrical connection / FastConnect

No

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

D

design, dimensions and weights

type of cable outlet

180° cable outlet

width

14 mm

height

14 mm

depth

59 mm

net weight

37 g

connectable cable cross-section

6.5 ... 6.5 mm

connectable conductor cross-section

0.33 mm²

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-20 ... +70 °C

-40 ... +80 °C

-40 ... +80 °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 |
| standard for structured cabling | Cat5 |
| reference code | |
| • according to IEC 81346-2:2019 | XGA |





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

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Approvals / Certificates

| General Product Approval | | Marine / Shipping | | | |
|---|---|---|---|---|---|
| Declaration of Conformity |  |  |  |  |  |
| Environment | Industrial Communication | | | | |
| Confirmation | PROFINET | | | | |

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