

product type designation

product description



M12, 8 pin, male, straight

Connector M12 (pin) with screw terminal and PG fitting

RF connector M12 8-pole, male, straight, Screw terminal minimum order quantity 5 units.

suitability for use

For communication module ASM 456, RF160C, RF170C, RF180C, RF182C, RFID 181EIP

interfaces

number of electrical connections

- for network components or terminal equipment

1

type of electrical connection

- for network components or terminal equipment

M12 connector (male insert, 8-pin, A-coded)

mechanical data

material / of the enclosure

plastic PA

locking mechanism design

Screwed joint

number of poles

8

tightening torque / for contacts / with screw-type terminals

0.2 ... 0.2 N·m

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

30 g

connectable cable cross-section

6 ... 8 mm

connectable conductor cross-section

0.75 mm²

- solid

0.2 ... 0.5 mm²

- finely stranded / with core end processing

0.2 ... 0.5 mm²

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +85 °C

-40 ... +85 °C

-40 ... +85 °C

protection class IP

IP67

standards, specifications, approvals

certificate of suitability

- UL approval

Yes

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
- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<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

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Approvals / Certificates

General Product Ap-
proval

Environment



[Confirmation](#)

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