

### 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

#### 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

- solid
- finely stranded / with core end processing

5.4 ... 8 mm

0.2 ... 0.5 mm<sup>2</sup>

0.2 ... 0.5 mm<sup>2</sup>

### 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

### further information / internet-Links

#### Internet-Link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication

<https://support.industry.siemens.com/cs/ww/en/view/67384964>

<http://www.siemens.com/ident/rfid>

- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<https://mall.industry.siemens.com>  
<http://www.siemens.com/industry/infocenter>  
<http://automation.siemens.com/bilddb>  
<http://www.siemens.com/cax>  
<https://support.industry.siemens.com>

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