

### 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

Screw

#### 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 weight

#### 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	5.4 ... 8 mm
<ul style="list-style-type: none"> <li>• solid</li> <li>• finely stranded / with core end processing</li> </ul>	0.2 ... 0.5 mm <sup>2</sup> 0.2 ... 0.5 mm <sup>2</sup>

### Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> </ul>	-40 ... +85 °C -40 ... +85 °C -40 ... +85 °C
Protection class IP	IP67

### Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> <li>• UL approval</li> </ul>	Yes

### Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> <li>• to website: Industrial communication</li> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAx Download Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>  <a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>  <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>  <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>  <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>  <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>  <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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