

product type designation



Connection block for RF18xC, M12, 7/8" 4-pin

-- spare part -- RFID Ethernet connection block, M12, 7/8 4-pole for RF182C, RFID181EIP.

suitability for operation

Connection block for RF180C, RF182C, RFID 181EIP

transfer rate

| | |
|---|-------------------|
| transfer rate / for Industrial Ethernet | 10 ... 100 Mbit/s |
|---|-------------------|

interfaces

| | |
|------------------------------------|--------------|
| type of electrical connection | |
| • of Industrial Ethernet interface | M12, d-coded |
| • for supply voltage | 7/8" 4-pin |

mechanical data

| | |
|---|---------------|
| material | Die-cast zinc |
| color | silver |
| tightening torque / of the screw for securing the equipment / maximum | 1.3 N·m |

supply voltage, current consumption, power loss

| | |
|--|-------------|
| supply voltage / at DC | |
| • rated value | 24 V |
| • | 20 ... 30 V |
| continuous current / for loop-through to further bus nodes / at DC / maximum | 8 A |

ambient conditions

| | |
|--------------------------|--------------------------|
| ambient temperature | |
| • during operation | 0 ... 60 °C |
| • during storage | -40 ... +70 °C |
| • during transport | -40 ... +70 °C |
| protection class IP | IP67 |
| shock resistance | According to IEC 61131-2 |
| shock acceleration | 300 m/s ² |
| vibrational acceleration | 100 m/s ² |

design, dimensions and weights

| | |
|------------------|-------------------|
| width | 60 mm |
| height | 24 mm |
| depth | 79 mm |
| net weight | 0.23 kg |
| fastening method | 4 screws included |

product features, product functions, product components / general

| | |
|-----------------|----------------------------|
| display version | 4 LEDs for Ethernet status |
|-----------------|----------------------------|

standards, specifications, approvals

| | |
|----------------------------|----------------|
| certificate of suitability | CE, FCC, cULus |
| MTBF | 1100 a |

further information / internet links

| | |
|--|--|
| internet link | |
| <ul style="list-style-type: none"> • to web page: selection aid TIA Selection Tool • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support | https://www.siemens.com/tstcloud https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com |

security information

| | |
|----------------------|---|
| security information | <p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)</p> |
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Approvals / Certificates

General Product Approval

[Declaration of Con-
formity](#)



| General Product Approval | EMV | Environment |
|--------------------------|-----|-------------|
|--------------------------|-----|-------------|

[Miscellaneous](#)



[KC](#)

[Confirmation](#)

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