

product type designation



Figure similar

Connection block for RF170C

RFID connection block for RF170C for connection of 2 readers via M12 plug-in connector RS-422 or RS232.

suitability for operation

Connection block for RF170C, to connect readers and RS232 devices

| interfaces                                                            |                                                        |
|-----------------------------------------------------------------------|--------------------------------------------------------|
| design of the interface / for point-to-point connection               | RS422/RS232                                            |
| number of readers / connectable                                       | 2                                                      |
| design of the interface / to the reader / for communication           | M12, 8-pin                                             |
| mechanical data                                                       |                                                        |
| material                                                              | Die-cast zinc                                          |
| color                                                                 | silver                                                 |
| tightening torque / of the screw for securing the equipment / maximum | 1.5 N·m                                                |
| supply voltage, current consumption, power loss                       |                                                        |
| supply voltage / at DC                                                |                                                        |
| • rated value                                                         | 24 V                                                   |
| •                                                                     | 20 ... 30 V                                            |
| ambient conditions                                                    |                                                        |
| ambient temperature                                                   |                                                        |
| • during operation                                                    | -25 ... +55 °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/s²                                               |
| vibrational acceleration                                              | 100 m/s²                                               |
| design, dimensions and weights                                        |                                                        |
| width                                                                 | 90 mm                                                  |
| height                                                                | 130 mm                                                 |
| depth                                                                 | 25 mm                                                  |
| net weight                                                            | 0.5 kg                                                 |
| fastening method                                                      | 4 screws included                                      |
| product features, product functions, product components / general     |                                                        |
| display version                                                       | 4 LEDs per reader connection, 1 LEDs for device status |
| standards, specifications, approvals                                  |                                                        |
| certificate of suitability                                            | CE, FCC, cULus                                         |
| MTBF                                                                  | 1100 a                                                 |
| reference code                                                        |                                                        |
| • according to IEC 81346-2:2019                                       | KEC                                                    |
| further information / internet links                                  |                                                        |
| internet link                                                         |                                                        |

- to website: Selection guide for cables and connectors
- to web page: selection aid TIA Selection Tool
- to web page: identification and localization systems
- to web page: SiePortal
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/109766358>  
<https://www.siemens.com/tstcloud>  
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<https://www.automation.siemens.com/bilddb>  
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### security information

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## Approvals / Certificates

### General Product Approval

### Environment



[Confirmation](#)

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