

### 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.

Technical Product Detail Page

<https://l.siemens.com/1P6GT2002-1HD01>

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/s <sup>2</sup>
vibrational acceleration	100 m/s <sup>2</sup>

### 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
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### standards, specifications, approvals

certificate of suitability	CE, FCC, cULus
MTBF	1100 a
product function / is supported / identification link	No

### standards, specifications, approvals / Environmental Product Declaration

Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
<ul style="list-style-type: none"> <li>• total</li> </ul>	101.43 kg
<ul style="list-style-type: none"> <li>• during manufacturing</li> </ul>	16 kg
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	85.3 kg
<ul style="list-style-type: none"> <li>• after end of life</li> </ul>	0.13 kg

#### further information / internet links


internet link	
<ul style="list-style-type: none"> <li>• to website: Selection guide for cables and connectors</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>
<ul style="list-style-type: none"> <li>• to web page: selection aid TIA Selection Tool</li> </ul>	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>
<ul style="list-style-type: none"> <li>• to web page: identification and localization systems</li> </ul>	<a href="https://www.siemens.com/ident">https://www.siemens.com/ident</a>
<ul style="list-style-type: none"> <li>• to web page: SiePortal</li> </ul>	<a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>
<ul style="list-style-type: none"> <li>• to website: Image database</li> </ul>	<a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>• to website: CAx-Download-Manager</li> </ul>	<a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>
<ul style="list-style-type: none"> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

#### 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 <a href="http://www.siemens.com/cybersecurity-industry">www.siemens.com/cybersecurity-industry</a>. 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 <a href="https://www.siemens.com/cert">https://www.siemens.com/cert</a>. (V4.7)</p>
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#### Approvals / Certificates

**General Product Approval**




CCC



EAC

[China RoHS](#)



RCM

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