

### Product type designation



### GPRS modem MD 720-3

SINAUT MD720-3 GSM/GPRS MODEM; MOBILE RADIO MODEM WITH RS232 INTERFACE; FOR GSM SERVICES CSD, GPRS, SMS; QUADBAND GSM; AT COMMAND INTERFACE; NOTE NATIONAL APPROVALS! AUTOM. GPRS CONNECTION ESTABLISHMENT; INCL. GENDER CHANGER FOR RS232/PPI ADAPTER; MANUAL ON CD IN GERMAN AND ENGLISH

### Transmission rate

• Transfer rate / for GSM transmission	9600 bit/s
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### Interfaces

Number of electrical connections	
• for internal network	1
• for external network	1
• for power supply	1
Type of electrical connection	
• for internal network	SUB-D
• for external network	SMA antenna socket (50 ohms)
• for power supply	Terminal strip

### WAN connection

Type of mobile network / is supported	GSM
Type of mobile wireless service / is supported	GPRS

### Supply voltage, current consumption, power loss

Supply voltage / Rated value	24 V
Supply voltage / Rated value	12 ... 30
Type of voltage / of the supply voltage	DC
Active power loss	
• typical	5 W

### Permitted ambient conditions

Ambient temperature	
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<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-20 ... +60 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-25 ... +85 °C
Relative humidity / at 25 °C / during operation / maximum	95 %
Protection class IP	IP40

#### Design, dimensions and weight

Design	compact
Depth	114 mm
Height	99 mm
Width	22.5 mm
Net weight	150 g

#### Product functions / management, configuration

Product function	
<ul style="list-style-type: none"> <li>• CLI</li> </ul>	No
<ul style="list-style-type: none"> <li>• web-based management</li> </ul>	No
<ul style="list-style-type: none"> <li>• MIB support</li> </ul>	No
<ul style="list-style-type: none"> <li>• TRAPs via email</li> </ul>	No
Protocol / is supported	
<ul style="list-style-type: none"> <li>• Telnet</li> </ul>	No
<ul style="list-style-type: none"> <li>• HTTP</li> </ul>	No
<ul style="list-style-type: none"> <li>• HTTPS</li> </ul>	No

#### Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> <li>• for EMC</li> </ul>	EN 55024, EN 55022 class A, EN 61000-6-2
<ul style="list-style-type: none"> <li>• for hazardous zone</li> </ul>	II 3 G Ex nA IIC T4 Ge
Certificate of suitability	Current approvals can be found on the Internet at <a href="http://www.siemens.de/simatic-net/ik-info">http://www.siemens.de/simatic-net/ik-info</a>
<ul style="list-style-type: none"> <li>• Railway application in accordance with EN 50155</li> </ul>	No

#### Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector for cables and connectors</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
<ul style="list-style-type: none"> <li>• to website: Mobile radio national approval</li> </ul>	<a href="http://www.siemens.de/mobilfunkzulassungen">www.siemens.de/mobilfunkzulassungen</a>
<ul style="list-style-type: none"> <li>• to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
<ul style="list-style-type: none"> <li>• to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>• to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a>
<ul style="list-style-type: none"> <li>• to website: Image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>• to website: CAx Download Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://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

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit <http://www.siemens.com/industrialsecurity>. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <http://support.automation.siemens.com>. (V3.4)

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