

Product type designation

MODEM MD720 GSM/GPRS, 2G

MODEM MD720; GSM/GPRS, 2G- MOBILE RADIO MODEM WITH RS232- INTERFACE; FOR GSM- SERVICES CSD, GPRS, SMS; QUADBAND-GSM; AT COMMAND INTERFACE; PLEASE NOTE NATIONAL APPROVALS! AUTOM. GPRS CONNECTION; INCL. GENDER CHANGER FOR RS232/PPI-ADAPTER;



Transmission rate

Transfer rate

- | | |
|---|------------|
| • for GSM transmission | 9600 bit/s |
| • for GPRS transmission / with downlink / maximum | 54 kbit/s |
| • for GPRS transmission / with uplink / maximum | 42 kbit/s |

Interfaces

Number of electrical connections

- | | |
|--|---|
| • for network components or terminal equipment | 1 |
| • for internal network | 1 |
| • for external network | 1 |
| • for external antenna(s) | 1 |
| • for power supply | 1 |

Type of electrical connection

- | | |
|---------------------------|------------------------------|
| • for internal network | 9 pin Sub D |
| • for external network | SMA antenna socket (50 ohms) |
| • for external antenna(s) | SMA antenna socket (50 ohms) |

- for power supply

4-pole terminal strip

WAN connection

Type of mobile network / is supported	GSM
Type of mobile wireless service / is supported	GPRS
Operating frequency / for GSM transmission	850 MHz, 900 MHz, 1800 MHz, 1900 MHz
Type of GPRS time slot method / Multislot Class 10	Yes

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
Consumed current / at rated supply voltage / maximum	355 mA
Power loss [W]	
<ul style="list-style-type: none"> • typical 	3.4 W

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-20 ... +60 °C
<ul style="list-style-type: none"> • during storage 	-25 ... +85 °C
Relative humidity / at 25 °C / during operation / maximum	95 %
Protection class IP	IP30

Design, dimensions and weight

Design	compact
Depth	90 mm
Height	100 mm
Width	30 mm
Net weight	150 g
Mounting type	
<ul style="list-style-type: none"> • 35 mm DIN rail mounting 	Yes
<ul style="list-style-type: none"> • wall mounting 	Yes

Product functions / management, configuration

Product function	
<ul style="list-style-type: none"> • CLI 	No
<ul style="list-style-type: none"> • web-based management 	No
<ul style="list-style-type: none"> • MIB support 	No
Protocol / is supported	
<ul style="list-style-type: none"> • Telnet 	No
<ul style="list-style-type: none"> • HTTP 	No
Type of configuration	AT commands

Standards, specifications, approvals

Standard	<ul style="list-style-type: none"> • for EMC • for hazardous zone • for safety / from CSA and UL • for emitted interference • for interference immunity 	<p>EN 61000-6-2, EN 61000-6-4, EN 55022, EN 55024, EN 301 489-1, EN 301 489-7</p> <p>II 3 G Ex nA IIC T4 Gc</p> <p>UL 60950</p> <p>EN 55022, EN 61000-6-4</p> <p>EN 55024, EN 61000-6-2</p>
Certificate of suitability	<ul style="list-style-type: none"> • CE marking 	<p>CE conformance declaration</p> <p>Yes</p>

Further Information / Internet Links

Internet-Link	<ul style="list-style-type: none"> • to website: Selector for cables and connectors • to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx Download Manager • to website: Industry Online Support 	<p>http://www.siemens.com/snst</p> <p>http://www.siemens.com/snst</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/industry/infocenter</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>
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Security information

Security information	<p>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)</p>
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