

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]	
• typical	3.4 W

Permitted ambient conditions

Ambient temperature	
• during operation	-20 ... +60 °C
• 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	
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes

Product functions / management, configuration

Product function	
• CLI	No
• web-based management	No
• MIB support	No
Protocol / is supported	
• Telnet	No
• HTTP	No
Type of configuration	AT commands

Standards, specifications, approvals

Standard	
• for EMC • for hazardous zone • for safety / from CSA and UL • for emitted interference • for interference immunity	EN 61000-6-2, EN 61000-6-4, EN 55022, EN 55024, EN 301 489-1, EN 301 489-7 II 3 G Ex nA IIC T4 Gc UL 60950 EN 55022, EN 61000-6-4 EN 55024, EN 61000-6-2
Certificate of suitability	CE conformance declaration
• CE marking	Yes

Further Information / Internet Links

Internet-Link	
• 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	http://www.siemens.com/snst http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

Security information

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