

# MD 2G/3G/4G GSM/GPRS modem



## Description

The MD series GSM/GPRS modems have been specifically designed for data transmissions deriving from data loggers. They are built with a sturdy industrial aluminum casing.

They are equipped with two connectors, one for power supply and one for the **RS232** serial line. There is also a slot for inserting the telephone card.

The modems are supplied with: power cables, antenna and a serial connector. The MD series modems can be connected to all SIM STRUMENTI data acquisition systems and have the following functions:

- **DATA** - Data transmission to a website via FTP (*all models*)
- **SMS** - Sending alarm SMS messages (*all models*)
- **CSD** - Remote connection to the control unit, using another modem (*only for mod. MD2*)

## Applications

Remote connection.



# MD

## 2G/3G/4G

### GSM/GPRS modem

Technical features			
Model	<b>MD2</b>	<b>MD3</b>	<b>MD4</b>
Generation	2G	3G	4G
Communication	GSM / GPRS		
Frequency	850/900/1800/1900 MHz		
Speed	85.6 Kbit/S		
Supply	5-30 Vcc		
Operating temperature	-20 ÷ +60 °C		
Humidity	Max. 85%		
Dimensions	72x53.5x26 mm		
Weight	0.089 Kg		
<b>Communication</b>			
Speed	Up to 115200bps (Default 9600 bps)		
Version	GSM 07.05 / 07.07		
Modality	Not transparent		
SMS	MO/MT Text & PDU mode		
Default configuration	9600, 8, N, 1, None		
CSD function	✓	-	-
<b>Interface</b>			
Antenna	SMA/F male connector		
Supply	Micro FIT F 2Pin connector		
Status	Led		
Serial	Sub DB9F HD connector		
Accessories			
<b>12V power supply</b>	<b>MD-AX-A1</b>		
<b>Modem/PC serial cable</b>	<b>MD-AX-MP</b>		
<b>Modem/Datalogger serial cable</b>	<b>MD-AX-ML</b>		

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