



Direct access to your energy measurements from anywhere with **GEMO GSM/GPRS Gateways**

## GEMO GSM/GPRS Gateways

2G & 3G Compatible Models

Meter Reading Feature  
(Virtual Serial Port)

85-265 VAC/DC Supply Voltage

Configurable via USB

Isolated  
Digital Input & Output

Direct Connection  
to EnerMedic



## SPECIFICATIONS

	GEMO-10-SH-3G	GEMO-02-DR-3G	GEMO-10-DR-3G	GEMO-10-3G	GEMO-10-2G	GEMO-02-3G
<b>SUPPLY</b>						
Power Supply	85-265 V AC/DC					
Power Consumption	<5VA					
Frequency	50-60 Hz					
<b>COMMUNICATION</b>						
Ethernet	●	-	-	●	●	-
USB	●	●	●	●	●	●
GSM	3G	3G	3G	3G	2G	3G
RS-485 Meter Reading	●	-	-	-	-	-
RS-485	●	●	●	●	●	●
RS-232	●	-	-	●	●	●
Stop Bit	1, 2					
<b>COMMUNICATION PROTOCOLS</b>						
Modbus TCP	●	●	●	●	●	●
Modbus RTU	●	●	●	●	●	●
Transparan	●	-	-	●	●	-
Meter Reading (IEC62056)	●	-	-	-	-	-
Meter Reading ( Virtual Serial Port)	●	-	-	●	●	-
Serial Timeout	1 – 3600 s					
<b>RECORDS</b>						
Internal Memory (Log Record)	1 MB					
Time Synchronization	NTP/SNTP					
<b>INPUTS and OUTPUTS</b>						
Number of Digital Inputs	1					
Digital Input Voltage Range	0-30 V					
Number of Digital Outputs	1					
<b>ENCLOSURE</b>						
Dimensions	DIN-3 55x90x60 mm (width x length x height)					
Protection Class	Terminal: IP00, Box Protection Class: IP51, Front panel: IP40					
LEDs	STATUS, ETHERNET, GSM, DIN, DOUT					
Button	1 Reset Button					
Weight	170 g					
<b>CONNECTION</b>						
Mounting	Rail Mounting					
<b>TERMINAL STRUCTURE</b>						
Supply Terminal Cable Cross Section	2.5 mm <sup>2</sup>					
Digital Input Output Cable Section	2.5 mm <sup>2</sup>					
Communication Cable Cross Section	2.5 mm <sup>2</sup>					
<b>AMBIENT CONDITIONS</b>						
Operating Temperature	-25 - +70 °C					
Storage Temperature	-30 - +80 °C					
Maximum Ambient Humidity	95%, Non-Condensing					
<b>STANDARDS</b>						
Standards	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11, EN 61000-3-2, EN 61000-3-3, EN 55022, EN 55024, EN 60068-2-1, EN 60068-2-2, EN 60068-2-6, EN 60068-2-30, EN 60068-2-31, EN 60529, EN 62262, EN 60950-1					

### HEADQUARTERS

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