

enelsan

We Measure

DATALOGGERS



Flow



Pressure



Level



Temperature



Datalogger



Control and
Automation

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DATALOGGERS

BILGE is an advanced datalogger device with optional external antenna and powered battery features and can be used in many different applications together. It is specially designed for the control of water networks with fully integrated GSM/GPRS communication module. BILGE is able to record data transmission, and suitable to work with different sensors at desired intervals to be used in every network. Recorded data, meter values, pressure measurements and alarm messages are sent to the central system over GSM / GPRS network. Providing fast data transfer by using GPRS communication in the most effective way and low current consumption of the device provides extremely long battery life.

Bilge Pro GSM/GPRS Datalogger



BILGEPRO

GSM Datalogger



ENL-802

Paperless Recorder



ENL-R4000D

Bilge GSM/GPRS Datalogger Technical Specifications

Working Principle	GSM/GPRS Datalogger (Connected Sensors)
Input	2x255 Channel RS485 MODBUS, 6 Logic Inputs, 5 Analog Inputs, LoRa, Internal and External Camera
Output	4 digital output or 4...20 mA analog output, Ethernet
Connection	Wifi, LoRa, GPS, GSM
Working Temperature	-20...+60°C
Reading Accuracy	±0,05% F.S.
Housing Material	ABS
Power Supply	12 VDC External Supply, Lithium Ion Internal Battery
Display	5" Display
Internal Storage	32 GB (Expandable Memory)

GSM Datalogger Technical Specifications

Working Principle	GSM/GPRS Datalogger (Connected Sensors)
Input	2x Temperature-Humidity Sensor, 2x 4...20 mA, 0...10 V, Logic, RS485 MODBUS
Output	GSM/GPRS, RS485 MODBUS, 4 x SPDT Relay (250 V, 5A)
Working Temperature	-40...+85°C
Reading Accuracy	±0,05% F.S.
Housing Material	ABS
Power Supply	10...32 VDC
Display	2x16 LCD Display 7 button
Internal Storage	100.000 data

Paperless Recorder Technical Specifications

Working Principle	Datalogger (Connected Sensors)
Input	4...40 Channel (Universal) (mA, V, Frequency, PT100, Thermocouple, Pulse)
Output	1...4 x SPDT Relay (250 V, 2A), USB 2.0, RS485 MODBUS
Working Temperature	0...+50°C
Reading Accuracy	±0,02% F.S.
Housing Material	ABS
Power Supply	85...264 VAC 50...60 Hz, 24 VDC
Display	3,5"... 19,4" TFT LCD Resolution 640x480
Internal Storage	64 Mega Bytes