GATEWAY DATA LOGGER

Lovato electric
ENERGY AND AUTOMATION
**WEB SERVER INTEGRATION**

The **EXC GL A01** is equipped with a built-in web server that lets you:
- consult and download collected data
- view time-referenced charts and tables for historic analyses
- define what categories of collected data must be sent automatically to the Synergy supervision software or other destinations.

**INTEGRATION WITH Synergy**

The Synergy energy supervision system is the result of LOVATO Electric’s extensive experience in four different but synergic areas: hardware devices, monitoring software, technical assistance and training.

Connecting the **EXC GL A01** to LOVATO Electric’s Synergy Cloud monitoring services delivers the following advantages:
- automatic access to dataloggers, synoptic pages and graphics in a standard configuration that does not require any user intervention;
- transmitted data can be processed freely and displayed graphically on web pages that can be customised to meet specific customer needs;
- guaranteed data security even in the event of internet instability.

**TECHNICAL SPECIFICATIONS**

- 1 RS485/RS422/RS232
- 2 Ethernet connections (RJ45 standard cables)
- 24VDC power supply (10…32VDC)
- 1 USB host for memory drives (for software or driver updates)
- Optional module for 2G/3G

- Modbus-RTU, ASCII and TCP communication protocol
- Operating temperature: -20...60°C
- Dimensions: 45x134x102mm
- DIN rail mounting
- Conformity: IEC 61000-6-2, IEC 61000-6-4, EN 60945
FUNCTIONAL CHARACTERISTICS

- Connection to field devices via RS485 and/or Ethernet
- Internet connection via cabled network or 2G/3G modem: independent of customer’s network
- Communication with remote servers via http, https and ftp protocols: neither static public IP addresses nor specific TCP ports are needed
- Regular transfer of data to Synergy supervision software in XML files and to other compatible software in XML or CSV files in encrypted mode
- Data export via web servers in Excel or CSV format
- Plug and play: auto-recognition of compatible devices connected via the Ethernet or serial channel
- Automatic data bank creation based on a set of typical measurements selected by LOVATO Electric

NETWORK TOPOLOGY
The products described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in the leaflet are to be considered as purely illustrative, and consequently have no contractual relevance. Remember also that the products themselves must be used by qualified personnel, in compliance with current plant engineering and installation standards, in order to avoid injury to persons or damage to property.