

About Solar eLBC

Provision of gas pipeline protection services, using eLBC (electronic line interruption monitoring) system for monitoring and automation of gas pipeline blockade, use of solar panels, in locations where there is no power supply - public city network.

Feromihin eLBC collects, processes, sends and stores many parameters such as pipeline pressure, dynamic pressure change, temperature, tap position, pressure drop gradient, number and analysis of alarm situations, battery status, and many others, according to customer specifications and needs.



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ELECTRONIC LINE BREAK CONTROL

The latest model for easy and safe control of your process automation.



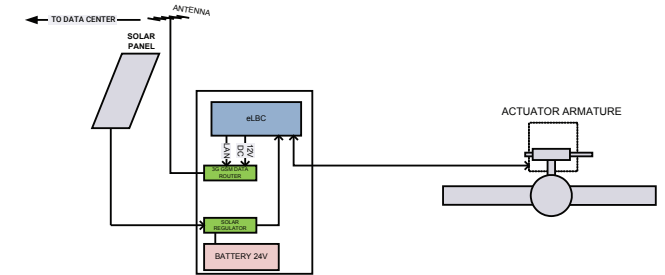
eLBC IV, CE, HRN EN 1594

Latest model

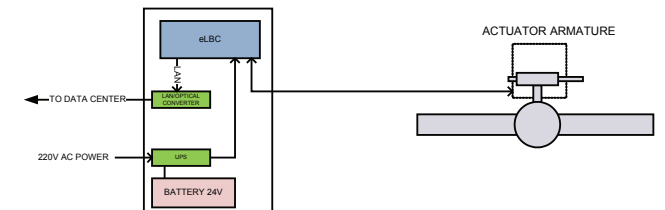
- Size 260x160x140 mm
- Weight 0,7 kg
- Power consumption: average 2 W, peak 7.2W including GSM
- Power supply: 9 – 30 V DC
- Measuring inputs: Up to 8x 4-20 mA / 0-15V DC / 0-50 V DC
- Precision: 0,05% which is 0,02 bar or 0,01V
- Digital inputs: Up to 8, 7-50V DC
- Relays: Up to 8, 30 V DC/4 A
- Serial communication: 2x RS 232, 1x RS 485/232
- Serial protocols: Modbus, Profibus, IEC 101
- Network protocols: HTTP, FTP, NTP, IEC 104, DHCP, MODBUS TCP
- Ethernet: Up to 2x LAN port
- uSD card: max 16 GB
- Event/Masurement data logger
- Data access via LAN connection or uSD card
- WEB interface for management
- Password protected; 3 access levels



Solar powered installation and communication via GSM Dana network.



Installation example for communication via an optical cable.



Installation example for serial port and PLC communication.

