



Pulse output

Advantages

- Rugged
- Universal
- Auto-programming
- Economical

Constraints

- Tiresome and only over short distances
- Limited to energy
- Needs an external power supply

Tried & tested!

- Interoperable with the systems in place
- Quick implementation
- Long-term solution



Ethernet / Modbus TCP

Advantages

- Web server
- Long distance
- Data storage
- Ethernet network

Constraints

- Network architecture rules
- Network administration

The most complete & independent!

- Perfect for any distance with its Ethernet connection
- Turnkey solution with built-in Web server for remote operation

RS-485



RS485 / Modbus RTU

Advantages

- Historic industrial protocol
- Optimum technical/financial trade-off

Constraints

- Medium distances
- Requires knowledge of fieldbuses
- Commissioning and programming

The most widely used!

- The best choice for gathering all the electrical quantities (energy, power, voltages, etc.)
- Possibility of implementing several tens or hundreds of products

ULYS ranges: The high-performance, connected metering plan

- **Interoperability:** Integrated communication (Modbus, Ethernet) and pulse output in a compact unit
- **Regulatory rebilling:** MID, double tariff, partial accounting

- **Customizable multi-measurement:** Configurable display, local or remote access via web page or FTP push
- **Easy implementation:** large choice of sensors and current measurement