

 ICG

Electricity meters

for Industrial and Commercial applications



■ Benefits

Quality management for efficient decision making

The architecture of Iskraemeco ICG applications includes monitoring mechanisms that provide stable and reliable measuring data and a detailed snapshot of power usage and power quality. An integrated solution for power quality monitoring and seamless SCADA connectivity allow users to make power related decisions quickly and effectively.

A solution opening doors in future engagements

Communication modularity and flexibility are a »must have« when it comes to smart and future-proof investments. Iskraemeco ICG applications were designed to enable high communication modularity that allows easy module exchange at any time.

Smart investment solving the challenges of tomorrow

Up to four independent communication interfaces and the ability to store enormous amounts of data make our ICG portfolio ready for future increased communication requirements of the smart grid market and the distributed generation trend.

■ Advantages

- Multi range, four quadrant measurement system for various applications
- Increased measurement resolution (10^{-3} Wh) for detailed monitoring of delivered energy
- Power quality monitoring for effective network management
- Simple SCADA interface for improved connectivity to industrial processes
- Fully isolated AC/DC external power supply
- Exchangeable plug&play communication modules
- Interoperable communication protocols enable easy integration in AMI systems
- Up to four different users can access their independent communication channels
- Additional latching relays enable local load control
- Multiple event logs for registering a wide range of events
- Provides independent customer-specific, time-based profiles
- Fulfills actual and future requirements in harsh environments (distributed generation, ...)

■ Configuration options

		MT880-I	MT880-M	MT860S
Network	High voltage	●	●	●
	Medium voltage	●	●	●
	Low voltage	●	●	
Connection type	Transformer connection	●	●	●
	Direct connection	●	●	
Accuracy Active / Reactive	0.2S / 0.5 %			●
	C (MID) 0.5S / 1 % (IEC)	●	●	●
	B (MID) 1 / 2 (IEC)	●	●	
Communication protocol	DLMS/COSEM	●	●	
	IEC62056-21	●	●	●
	MODBUS	●	●	●
Input/output	Integrated version	●		
	Modular version		●	●
Mounted version	Surface	●	●	●
	Rack			



MT880



MT860S



■ About Iskraemeco

Iskraemeco is one of the leading smart metering solution providers on a global scale. Since 1945, Iskraemeco employees have been transforming valuable experience, innovation and a sound understanding of our customers' needs into comprehensive energy management solutions.

With electricity meters addressing diverse market demands, a variety of communication tools, software for meter data management and comprehensive services we help energy companies shape the future of energy generation and management. Iskraemeco has an established network of partners, subsidiaries and production facilities that offer reliable and efficient support services to our entire client base.

Iskraemeco aims to revolutionize sustainability practices within the electronics industry. With a fully transparent supply chain and a strong commitment towards addressing the major issues the electronics industry is facing – energy intensity, material scarcity, unfair labour conditions, use of conflict minerals and E-waste, we are setting ground for a fair smart grid.

Iskraemeco QUICK FACTS

- More than 70 years of know-how and quality
- A complete and rejuvenated product portfolio
- All ISO quality certificates
- More than 2 million smart devices in operation
- Delivering future-proof solutions worldwide
- A founding member of the IDIS Association
- Part of Elsewedy Electric
- Established global partner network
- A Fair Meter pioneer

ISKRAEMECO 

Iskraemeco, Energy Measurement and Management
4000 Kranj, Savska loka 4, Slovenia
Telephone: +386 4 206 40 00
<http://www.iskraemeco.com>, e-mail: info@iskraemeco.com