

NEW!

Rogowski coils



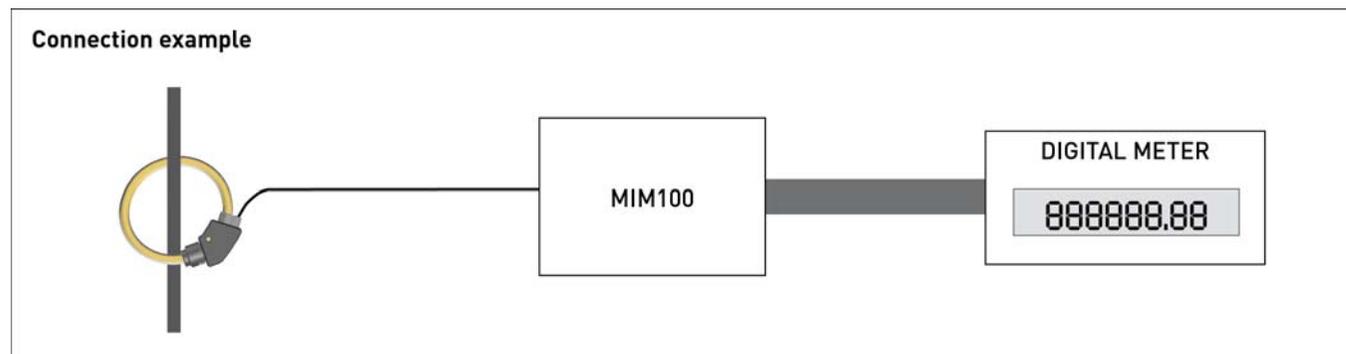
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WORKING PRINCIPLE

An air-cored toroidal winding is placed around the conductor, the magnetic field produced by the current induces in the coil a voltage proportional to the rate of change of current.

Integrating this voltage the output become proportional to the current.



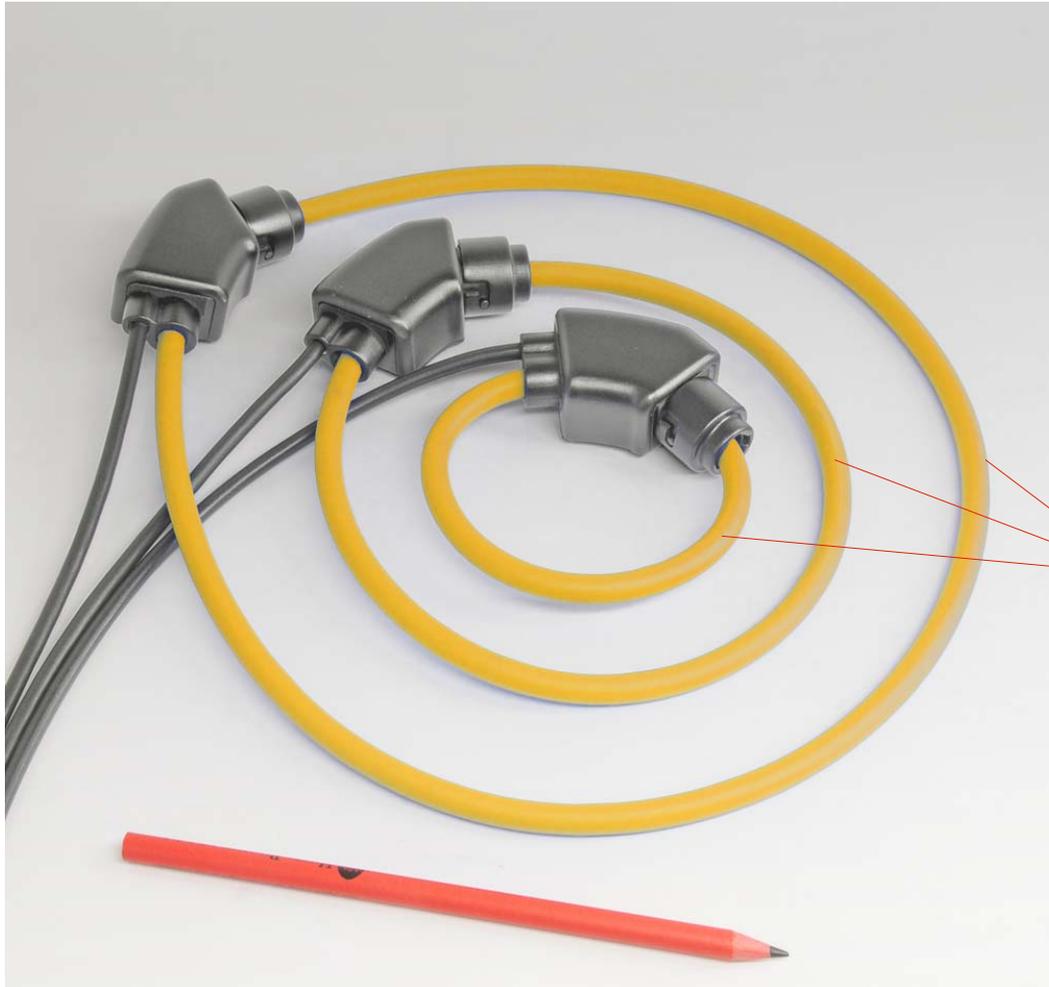
MAIN FEATURES

- Suitable to measure from few Amps to hundreds of kAmps
- Very useful with large size or awkward shaped conductors or in places with limited access
- No danger from open-circuited secondary
- Cannot be damaged by large overloads
- Non-intrusive, no power drawn from the main
- Very high linearity
- Light enough to be suspended on the conductor being measured

NEW!

- **New version completely redesigned**
- **Delivered already calibrated**
- **Very thin coil diameter: down to 8 mm**
- **Newly designed and enhanced bayonet connector including possibility to regulate calibration**
- **Improved accuracy**
- **Measurement uniformity at any position of the conductor inside the coil**
- **Excellent degree of rejection to the external current conductor**
- **Different coil colours available based on quantity**

COIL EXAMPLES



Flexible coil

From 25 to 300 cm (length)

**Very thin coil diameter
down to 8 mm**

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INTEGRATOR EXAMPLES

The electronic integrator can be embedded in the measuring devices.

Power supplied from the voltage circuit (230V).



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APPLICATIONS

- Power monitoring & control systems
- DC ripple measurement
- Harmonics and transients monitoring
- Very high current monitoring
- Measuring devices, lab instrumentation
- Welding machine control

Rogowski coil is extremely suitable for retrofitting application. It can be easily placed around the current conductors without disconnecting the cables.

MULTISCALE INTEGRATOR MODULES

Multiscale integrator modules to be combined to a digital meter.

These modules give the possibility to select 9 scales up to 10 kA.

MIM100



MIM300

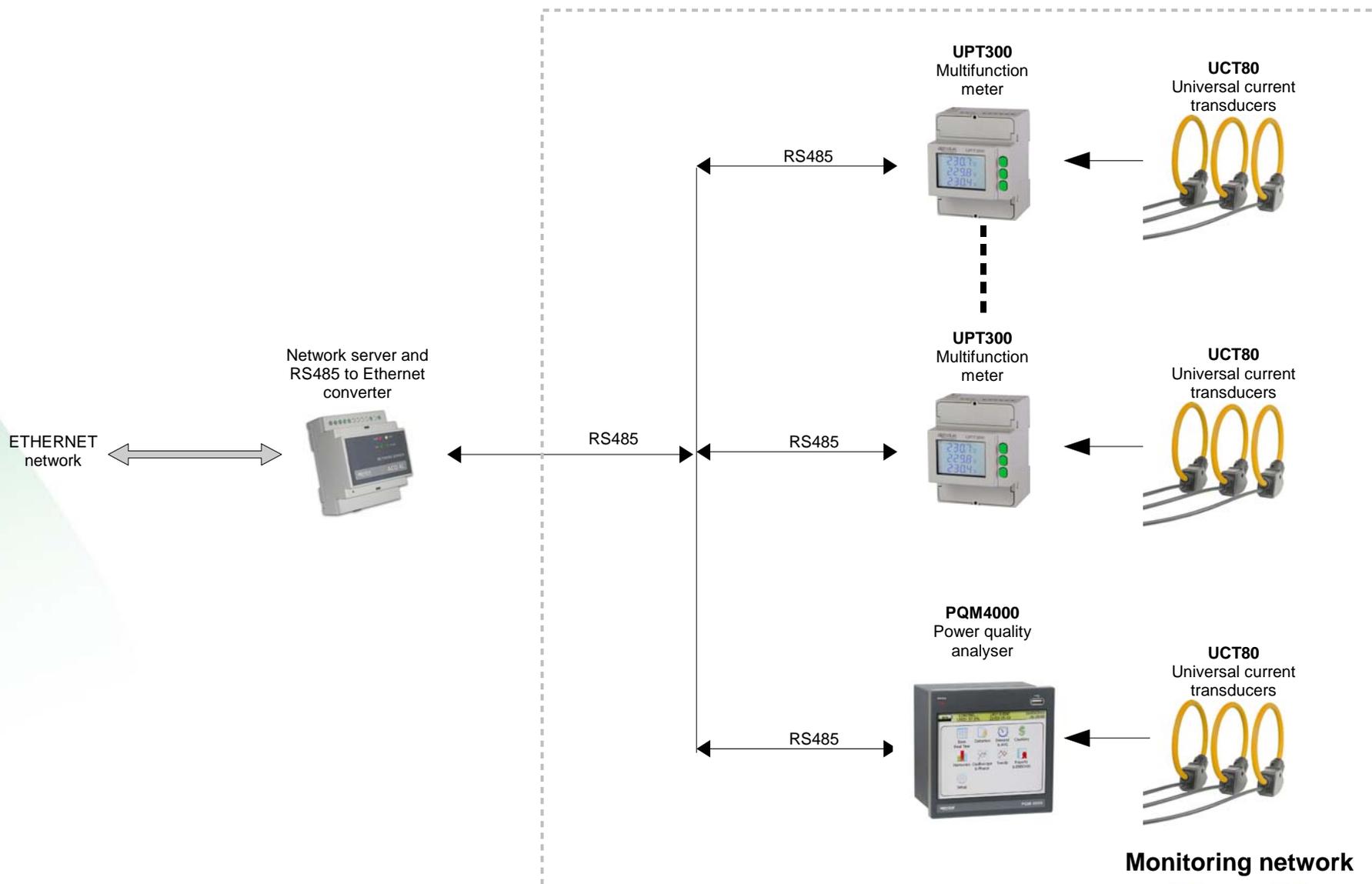


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APPLICATIONS

Block-system for a single cab



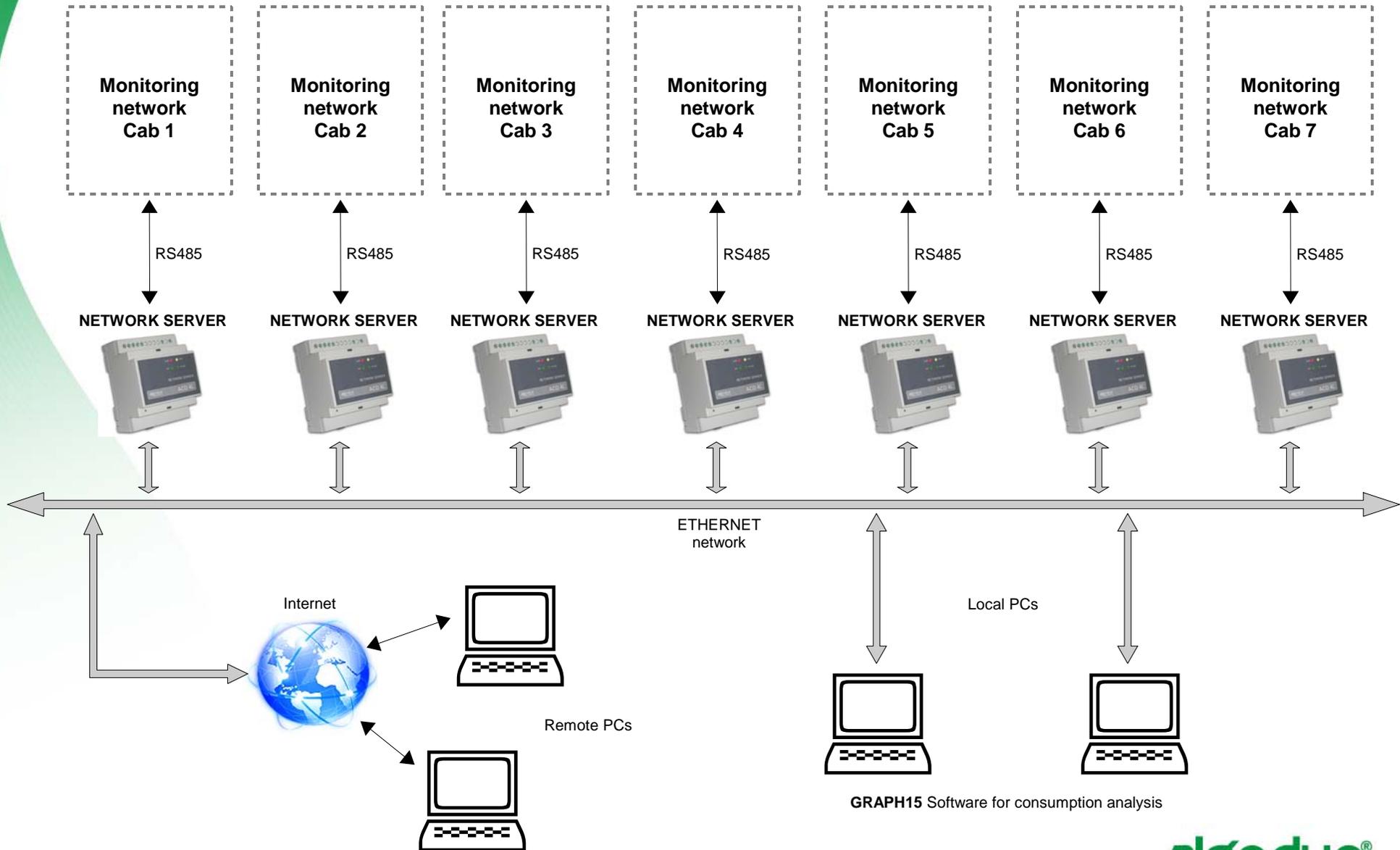
Example of a simple installation suggested for the creation of monitoring point in new or existing buildings.

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APPLICATIONS

General block-system of acquisition network



Example of a simple installation suggested for the creation of monitoring point in new or existing buildings.