

Lahnau, April 2016

Press release

Energy measurement device with direct PROFINET integration

The UMG 96RM is a very compact and powerful multifunctional measuring device for energy measurement technology. The new UMG 96RM-PN model is certified for PROFINET and is suitable for using PROFIenergy.

As a multifunctional network analyser, the device offers features that are unique in this class: It does not just capture electrical consumption data and standard values but also power quality values such as harmonics up to the 40th harmonic. A further highlight is integrated residual current monitoring (RCM), which can be used to detect insulation faults at an early stage. This increases the system availability and reduces the risk of fire.

The UMG 96RM-PN has a 2-port Ethernet switch. The IP configuration can be provided statically or via PROFINET DCP. The parameters for the most important device settings can also be set using PROFINET. Its digital inputs and outputs can be used via both Modbus and PROFINET. Two analogue inputs are available for 0-50 mA or to capture temperatures. An additional 5A current measurement channel can monitor the neutral conductor, for example.

Janitza electronics GmbH

Janitza a German enterprise was founded in 1961 and is since almost 50 years active in the field of development and production of systems for efficient usage of electricity, energy measurement and cost reduction.

Janitza electronics GmbH is nowadays globally well known as supplier of smart energy management systems (ISO 50001), energy measurement devices, class-A-power quality monitoring systems, power analyzers, power factor controllers, and power quality solutions, such as PFC-systems and harmonic filters.

Our UMGs, GridVis[®] software and components unite 3 solutions – energy management, power quality monitoring and residual current monitoring (RCM) – within a common system environment.

Our customers appreciate the consistent range of products and solutions for a modern energy management (e.g ISO 50001).

Due to the scalability of products and solutions energy management systems of Janitza can also be introduced gradually.

Janitza stands for highest quality standards, high innovation rate and products with latest features produced with the most modern production technology.

The regional expertise of our engineers offers from consulting and concept design through to commissioning bespoke solutions. After commissioning, we assist in the maintenance and support systems. The regularly scheduled training sessions give our customers the safe handling of the subject areas of energy management and power quality, but also with Janitza products and system solutions.

www.janitza.com

Image captions

Image 1: UMG 96RM-PN – Multifunctional energy measurement device with PROFINET interface



Image 2: UMG 96RM-PN – The communications professional



((Image source)) Janitza electronics GmbH

Press contact:

Janitza electronics GmbH

Ms Stefanie Hollingshaus
Marketing
Vor dem Polstueck 6 – 35633 Lahnau – Germany
Phone: +49-6441-9642-539
Fax: +49-6441-9642-30
Email: stefanie.hollingshaus@janitza.de
Web: www.janitza.de

No. of characters: 1,146

No. of words: 180

No. of images: 2