

Press Release

VMU-MC AND VMU-OC: THE MODULAR PULSE INPUT CONCENTRATORS WITH MODBUS OUTPUT

Flexible and easy to set up, these modules are the ideal solution for monitoring main or secondary meters with pulse outputs.

Lainate, February 2018 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents the VMU-MC and VMU-OC pulse counter concentrator modules.

This pulse concentrating solution, thanks to its modularity, allows the user to connect from 2 to 11 pulse outputs and re-transmit the relevant totalizers via Modbus, monitoring the distribution boxes, the main meters, the pulse outputs from machines and those systems where the only way to get information is by counting pulses and providing them to a Modbus master.

Despite the new IoT paradigm, many installations exist where the majority of the installed meters are not capable of communicating with advanced protocols like M-Bus or Modbus. With this modular pulse concentrators data can easily be transmitted. The 11 standard S0 inputs can be used either as ON/OFF status inputs or pulse counting inputs.

“Thanks to its standard Modbus communication, this modular solution can easily be integrated in any Modbus-based network. By using our free Universal Configuration Software (UCS), it is possible to set up the system and immediately connect it to our VMU-C EM monitoring solution,” says Alessio Costantini – International Product Manager. “Carlo Gavazzi is now able to reinforce its range of products aimed at supporting the increasing energy efficiency requirements, providing the possibility of collecting consumption information in retrofit installations.”

Developed by our Competence Centre in Italy, these modules have been specifically designed for commercial, residential and industrial applications for accurate cost allocation and energy efficiency improvements.

Main technical features

- Modular solution (VMU-MC master + VMU-OC slave by proprietary bus)
- From 2 to 11 total pulse inputs
- Configurable tariff switching
- From 15 to 24 VDC power supply
- RS485/Modbus communication
- DIN rail mounting (each module is 1-DIN size)
- Plug'n play configuration by UCS software

ABOUT CARLO GAVAZZI AUTOMATION

Carlo Gavazzi Automation is an international electronics group with activities in the design, manufacture and marketing of electronic equipment targeted at the global markets of industrial and building automation.

Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 22 National Sales Companies in Europe, the Americas and Asia & Pacific, operating with its production sites in Denmark, Italy, Malta, Lithuania and China.

For further information:

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