

Press Release

IO-LINK MASTERS Y SERIES: IIOT-ENABLED NETWORK BLOCKS FOR DIGITAL INDUSTRIAL TRANSFORMATION

Embedded web interface and OPC UA for full remote access and control of the IO-Link master and connected devices.

Lainate, May 2020 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents the new Y series IO-Link Masters.

The new Y series is available in two mechanical versions: the YL212 for machine installation has a fully encapsulated housing for use in harsh environmental conditions and integrates the future-proof L-coded M12 power connector for higher current in more compact dimensions, compared to the 7/8" standard.

The YN115 DIN rail version for control cabinet installation includes pluggable/removable push-in and screw terminal connectors for a quick and error-proof installation of the IO-Link devices and module.

YL212 and YN115 fully support the industry's leading Ethernet protocols, such as EtherNet/IP™, PROFINET IO, and MODBUS TCP. In addition, the integrated OPC UA protocol allows simultaneous access to the data of the attached smart devices from the PLC and via OPC UA clients, with a reliable, continuous and transparent data flow from the sensors into cloud-based systems.

The integrated web server, available in 7 languages, and the IODD interpreter allow easy access, configuration and diagnostic of the module and the attached IO-Link devices via a web browser, even remotely from PCs, tablets or smartphones and without the need for any additional software or a PLC.

"Thanks to the new YL212 and YN115 it is possible to increase the visibility of the processes and initiate predictive maintenance applications to gain more uptime," Aldo Caputo, International Product Manager, says. "With this new series of IO-Link masters, Carlo Gavazzi expands its IO-Link offer into industrial Network Technology with a new range of field-interface devices to meet the needs coming from the Industry 4.0".

Main technical features

- Eight configurable ports that can operate as standard Digital Input, Digital Output or as IO-Link signals
- One additional Digital Input on each port
- EtherNet/IP™ or PROFINET IO and MODBUS TCP access to IO-Link process, event and service data
- OPC UA protocol to have simultaneous access to the data of the attached smart devices from cloud-based applications via OPC UA clients
- Dual Ethernet ports
- IO-Link v1.0 and v1.1 compatible and IO-Link COM1, COM2 and COM3 support
- Integrated multi-language web-server and IODD interpreter for remote configuration and diagnostics
- Data storage and device validation for plug-and-play and error-proof replacement of IO-Link v1.1 devices

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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