



Y series - IO-Link Masters

Sensors

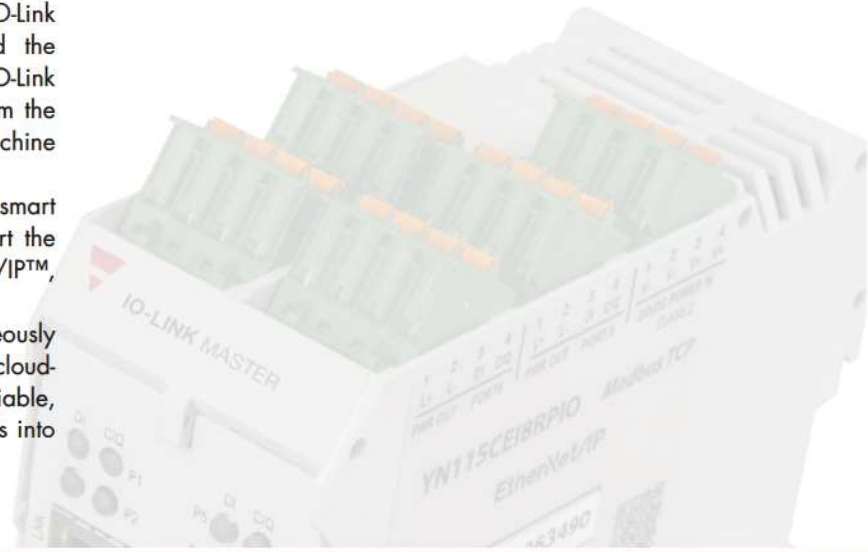
YL212 - YN115

IO-Link Masters

The use of fieldbus and manufacturer independent IO-Link communication protocol has significantly increased the visibility of the processes, thanks to the full access to IO-Link device parameters, diagnostics and process data from the controller, providing continuous feedback on the machine status.

Y Series IO-Link masters allow to connect up to 8 smart devices to the higher-level control system and support the industry's leading Ethernet protocols, such as EtherNet/IP™, PROFINET IO, and MODBUS TCP.

In addition, the OPC UA protocol, allows to simultaneously access the data of the smart devices attached from cloud-based applications via OPC UA clients with a reliable, continuous and transparent data flow from the sensors into cloud-based systems.



The integrated web server and IODD interpreter allow to easily configure and access diagnostic information of the IO-Link master and attached devices via a web browser, without the need of any additional software or PLC, also remotely from PC, tablets, or smartphones



IIoT-enabled network blocks for the digital industrial transformation

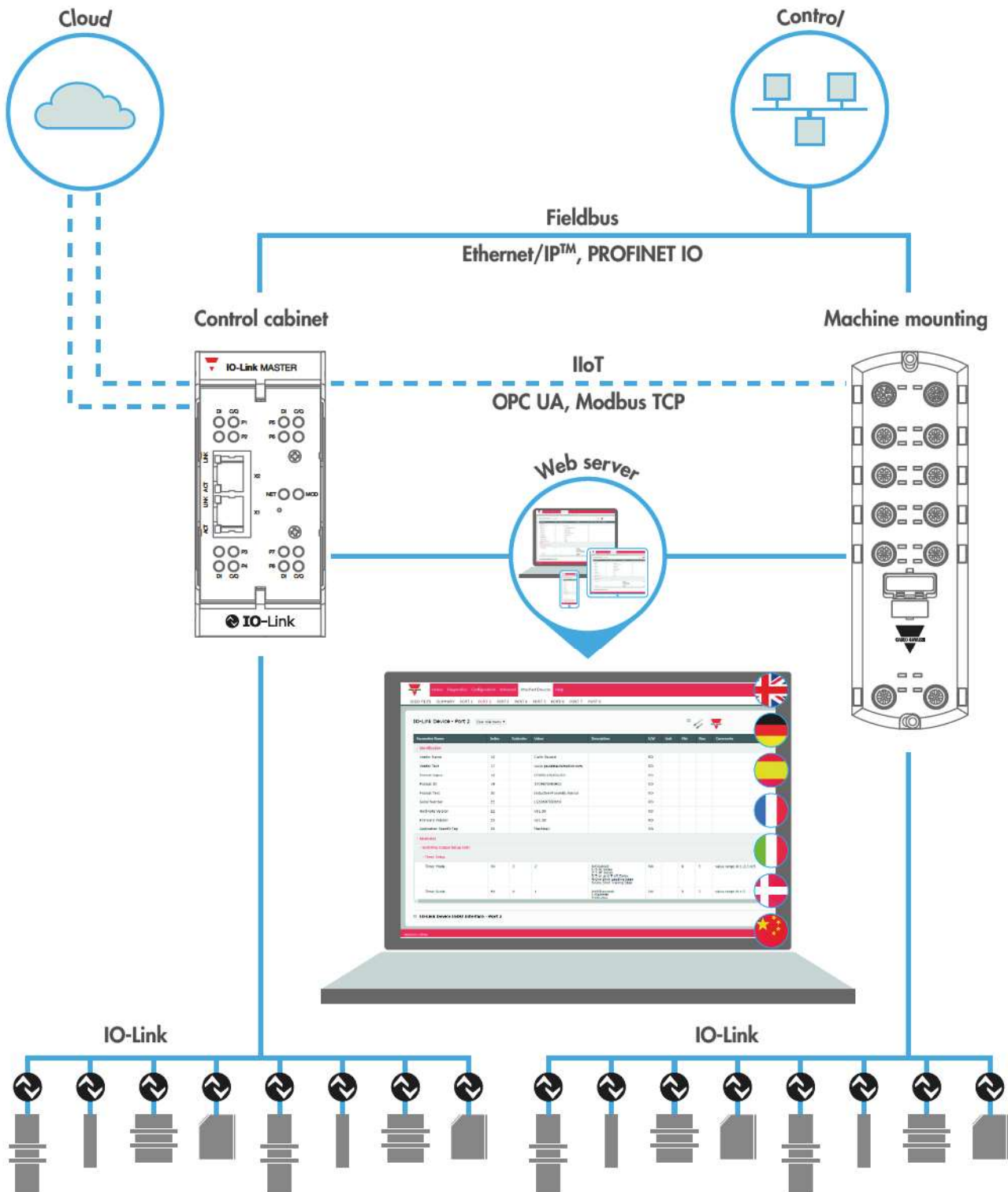
Flexibility

- Eight configurable ports with additional digital input on every port
- M12 L-Coded power connectors and fully encapsulated housing with IP67 protection for machine mounting in harsh environments (YL212)
- DIN rail mount enclosure for control cabinet installation with pluggable push-in and screw terminal connectors for a quick and error-proof start-up (YN115)
- EtherNet/IP™/PROFINET IO, Modbus/TCP access to IO-Link process, event and service data
- Dual Ethernet ports
- IO-Link V1.0 and V1.1 compatibility and support for COM1, COM2 and COM3 (230K baud rate)
- Multi-colour LEDs for device, network, and port status

Industry 4.0

- Integrated multilanguage web-server and IODD interpreter for easy access and configuration of the module and attached IO-Link devices from a web browser, even remotely
- OPC UA protocol to simultaneously access to the data of the smart devices attached from cloud-based applications via OPC UA clients
- Data storage and device validation for plug-and-play replacement of an IO-Link device and error-proof maintenance operations





Type selection

Machine mounting

EtherNet/IP™, Modbus TCP, OPC UA

YL212CEI8M1IO

PROFINET IO, Modbus TCP, OPC UA

YL212CPN8M1IO

Control cabinet

EtherNet/IP™, Modbus TCP, OPC UA

YN115CEI8RPIO

PROFINET IO, Modbus TCP, OPC UA

YN115CPN8RPIO

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