

## Combat Long Delivery Times with IO-Link Masters Without Displays

# NEW IO-LINK MASTERS ADD FLEXIBILITY IN CONTROLS ARCHITECTURE DESIGN

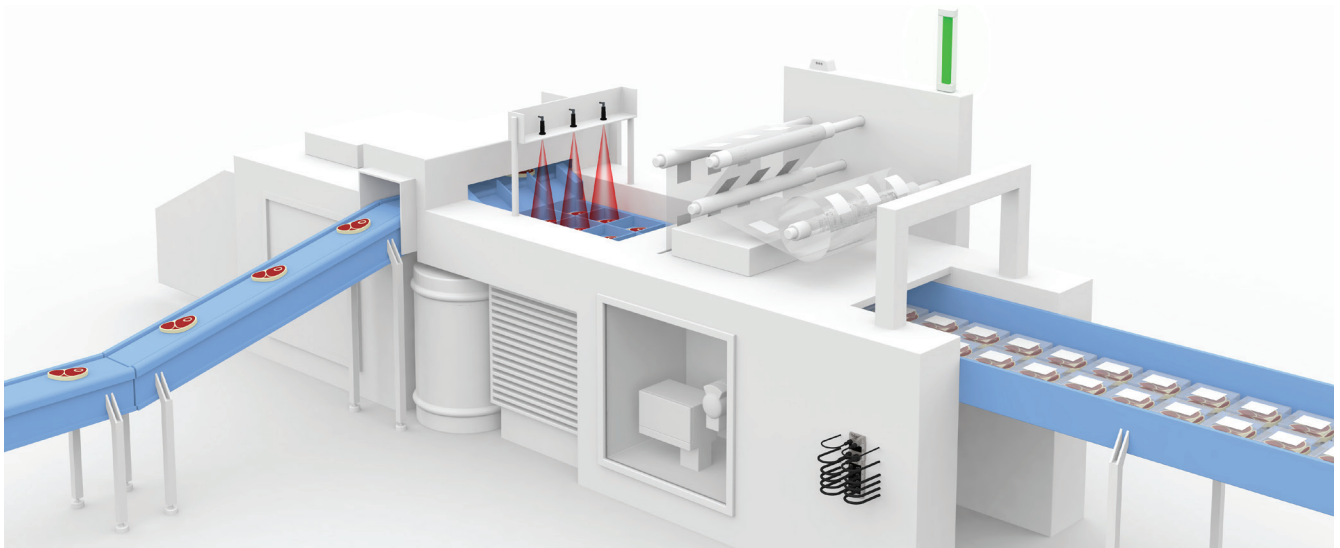
The newest 8-port IO-Link masters from Balluff for EtherNet/IP and Profinet deliver all the benefits of IO-Link master blocks— remote parameterization, simplified wiring, clone configuration — but in a displayless housing. The EtherNet/IP version, BNI00H2, and the Profinet version, BNI00FW, were designed as drop-in replacements for some of Balluff's best-selling network blocks, the BNI006A and BNI005H respectively, that are seeing long delivery times. Widespread microchip shortages have slowed production of many IO-Link products. The removal of the display mitigates this problem without impacting functionality.

The IO-Link master blocks from Balluff allow you to increase your machine flexibility with I/O and smart sensors. In addition, you can use standard, unshielded, off-the-shelf cables for device connection. IO-Link gives unprecedented connectivity to every field level device from data to diagnostics and reduces the total cost of ownership of smart field devices.

Plug-and-play functionality reduces troubleshooting and maintenance. And their IP67 rating makes them tough enough for most manufacturing environments.

### Features

- Time- and cost-saving: fast installation and simple integration into existing network
- Easy module replacement
- Simplified wiring
- Full diagnostics and centralized parameter setting with IO-Link





	BNI00H2	BNI00FW
Interface	EtherNet/IP	Profinet I/O
Operating voltage $U_b$	18...30.2 VDC	18...30.2 VDC
Connection (COM 1)	M12x1-Female, 4-pin, D-coded	M12x1-Female, 4-pin, D-coded
Connection (COM 2)	M12x1-Female, 4-pin, D-coded	M12x1-Female, 4-pin, D-coded
Connection (supply voltage IN)	7/8"-Male, 4-pin	7/8"-Male, 5-pin
Connection (supply voltage OUT)	7/8"-Female, 4-pin	7/8"-Female, 5-pin
Connection slots	8x M12x1-Female, 5-pin, A-coded	8x M12x1-Female, 5-pin, A-coded
Digital inputs	16x PNP, Type 3	16x PNP, Type 3
Digital outputs	16x PNP	16x PNP
Configurable inputs/outputs	yes	yes
Output current max.	2 A	2 A
Current sum US, sensor	9.0 A	9.0 A
Current sum UA, actuator	9.0 A	9.0 A
Housing material	Zinc, Die casting	Zinc, Die casting
Dimension	68 x 37.9 x 224 mm	68 x 37.9 x 224 mm
Ambient temperature	-5...70 °C	-5...70 °C
IP rating	IP67	IP67
Auxiliary interface	8x IO-Link	8x IO-Link
IO-Link version	1.1	1.1
Port-class	Type A	Type A