

**Completing infrastructure.  
Revolutionizing communication.  
Enabling Industry 4.0.**

Pepperl+Fuchs  
IO-Link Masters with  
MultiLink™ Technology



Your automation, our passion.

**PF** PEPPERL+FUCHS

# Master IO-Link—While Keeping Existing Infrastructure

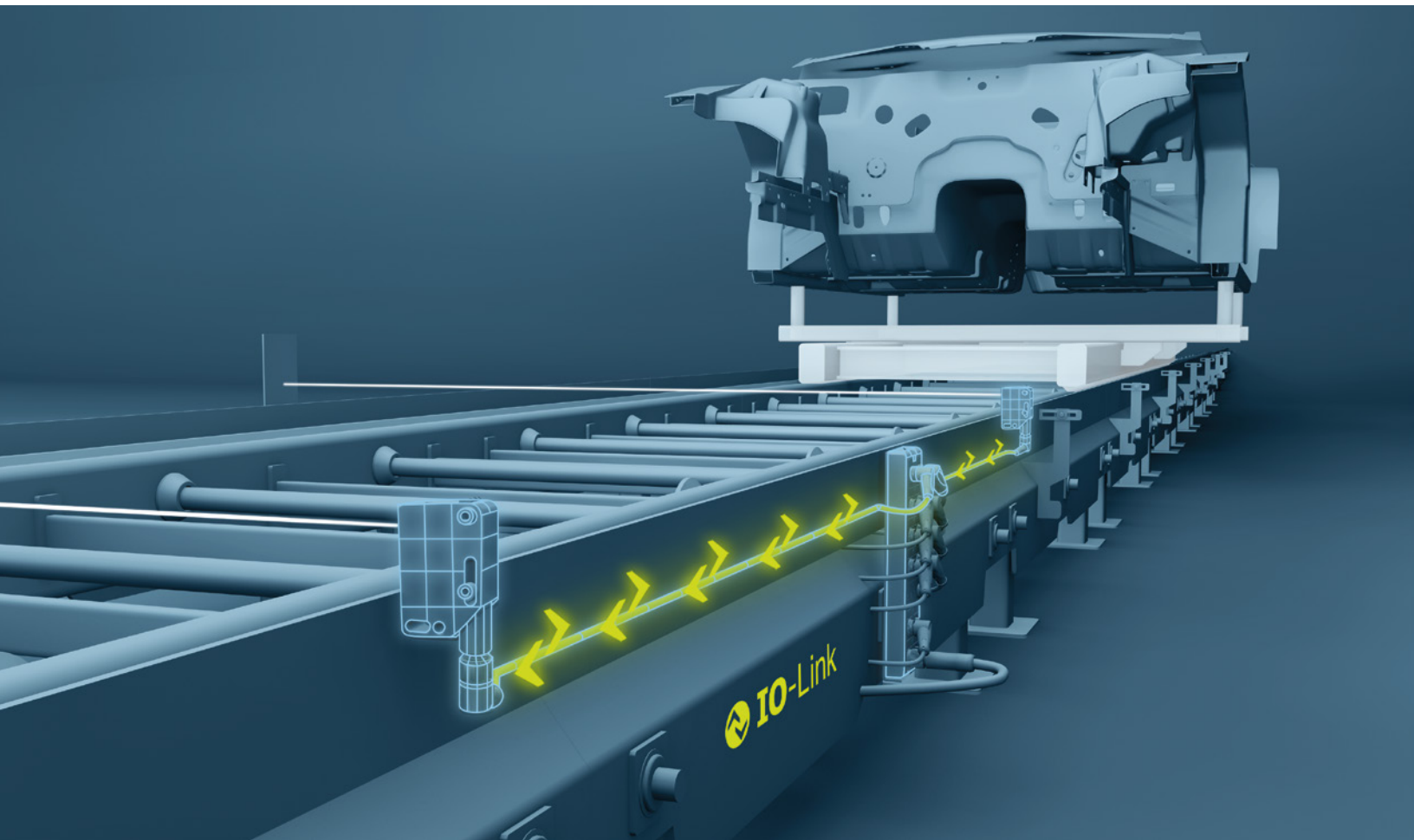
Pepperl+Fuchs IO-Link masters provide the most versatile industrial IO-Link master solution on the market. With unique MultiLink™ technology, they allow simultaneous data access from PLCs and OPC UA clients—helping you unlock the benefits of IIoT / Industry 4.0 without having to replace or interfere with your PLC.

## Upgrade to IO-Link without Upgrading Your PLC



For brownfield applications where integration of new equipment within existing infrastructure is critical, Pepperl+Fuchs IO-Link masters support both Class 1 and Class 3 EtherNet/IP communication. Support for Class 3, in particular the “Read/Write to Tag/File” feature exclusive to Pepperl+Fuchs masters, means it is now possible to maintain investments in older but otherwise capable legacy PLCs while benefiting from the new capabilities of IO-Link sensors. For applications that are not time-sensitive, the Pepperl+Fuchs IO-Link masters even support stand-alone use for connecting sensors without a higher-level PLC.

## Highlights:

- OPC UA interface for cloud-based applications that pave the way for future Industry 4.0 scenarios
- MultiLink—simultaneous communication with PLCs and cloud/SCADA systems offers outstanding flexibility in automation systems
- Integrated web server and IODD interpreter enable simple configuration via a web browser
- PortVision® DX software offers network configuration, device management, and settings cloning/backup in one application





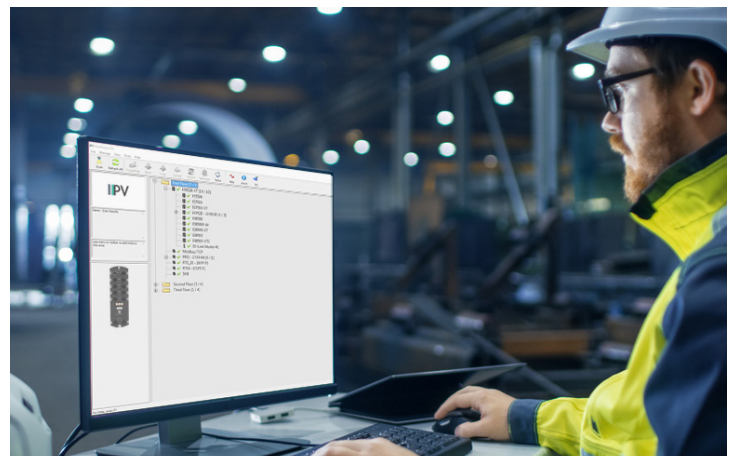
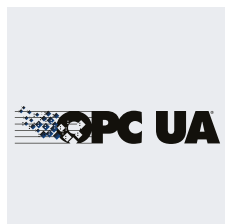
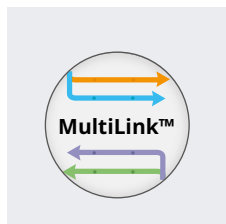
	Model Number	Description	Power Connection	Sensor Connection	Network Connection	IP Rating	Protocols
	ICE2-8IOL-G65L-V1D	EtherNet/IP IO-Link master with 8 inputs/outputs	M12, L-coded	A-coded	M12, A-Coded	IP67	EtherNet/IP, MODBUS TCP, OPC UA
	ICE3-8IOL-G65L-V1D	PROFINET IO-Link master with 8 inputs/outputs	M12, L-coded	A-coded	M12, A-Coded	IP67	PROFINET, MODBUS TCP, OPC UA
	ICE2-8IOL-K45S-RJ45	EtherNet/IP master with 8 inputs/outputs, DIN rail	Screw terminal	Screw terminal	RJ45	IP20	EtherNet/IP, MODBUS TCP, OPC UA
	ICE2-8IOL-K45P-RJ45	EtherNet/IP IO-Link master with 8 inputs/outputs, DIN rail	Push-in connectors	Push-in connectors	RJ45	IP20	EtherNet/IP, MODBUS TCP, OPC UA
	ICE3-8IOL-K45S-RJ45	PROFINET IO-Link master with 8 inputs/outputs, DIN rail	Screw terminal	Screw terminal	RJ45	IP20	PROFINET, MODBUS TCP, OPC UA
	ICE3-8IOL-K45P-RJ45	PROFINET IO-Link master with 8 inputs/outputs, DIN rail	Push-in connector	Push-in connectors	RJ45	IP20	PROFINET, MODBUS TCP, OPC UA

### MultiLink™: Innovative Communication via OPC UA/MQTT

Pepperl+Fuchs IO-Link masters are the only product on the market with MultiLink. This technology makes it possible to control time-critical processes with a PLC while simultaneously allowing cloud and SCADA systems to access all sensor data. Experienced PLC programmers and database experts can take maximum advantage of these products by setting clear access rights to outputs and parameters.

### Network Management Tools That Work

An integrated web server and IODD interpreter enable complete configuration of the fieldbus connection and attached IO-Link devices via a web browser. For large installations that need advanced functionality, PortVision® DX is the perfect solution. This tool allows you to manage IO-Link devices, configure network settings, and clone module configurations or store them as a backup. This speeds up system reconfiguration and ensures plant productivity.



Learn how to master your IO-Link setup at [www.pepperl-fuchs.com/pf-control](http://www.pepperl-fuchs.com/pf-control)

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- Purge and Pressurization
- Industrial HMI
- Mobile Computing and Communications
- HART Interface Solutions
- Surge Protection
- Wireless Solutions
- Level Measurement

## Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Fieldbus Modules
- AS-Interface
- Identification Systems
- Displays and Signal Processing
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