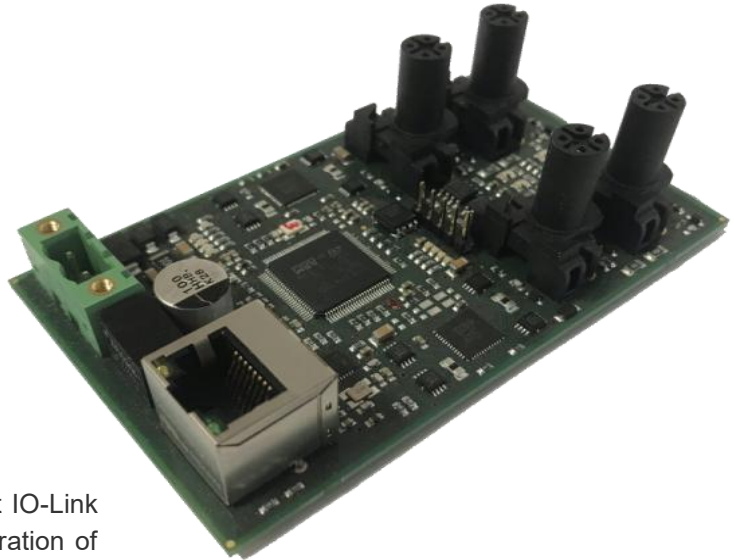




4-Port Ethernet IO-Link Master

NEW!
Coming in 2020!



Overview

Discover the power of our new 4-Port Ethernet IO-Link Master, focusing on Industry 4.0 and IoT integration of IO-Link Devices. The Ethernet-based communication interface makes it easy to talk to IO-Link Devices via the Master unit without any field bus.

An integrated JSON interface following the new “*JSON-Integration for IO-Link*” specification, makes it possible to connect to IO-Link Devices from any software application that supports the JSON data format. An integrated IODD parser maps the Device parameters to JSON data units which simplifies configuration and diagnostic tasks considerably. Also, third-party parameterization and configuration tools which implement the new JSON Integration are supported.

TEConcept's well established IO-Link Control Tool can still be used to access the 4-Port Ethernet IO-Link Master.

An integrated web server offers a convenient interface for:

- Network configuration
- IO-Link Master/Port configuration
- IODD-management
- Basic security settings

Deliverables

- 4-Port Ethernet master
- External Power supply
- Cat 5E Ethernet cable
- IO-Link Control Tool

Features

- IO-Link V1.1.3 compatible Master
- Ethernet interface, DHCP or static IP address configuration
- Integrated IODD parser
- Standardized JSON mapping
- Node-RED integration supported
- Four independent powered IO-Link Class A ports
- Additional Cortex-M4 MCU for customer applications with direct access to the IO-Link Master (Local applications like Mini PLCs, Digital Signal Processing functions, or other real time logic can easily be added by any customer to the 4-Port Ethernet IO-Link Master)

Advantages

- Direct IO-Link Device access over Ethernet without Fieldbus and PLC
- Easy Node-RED integration for IoT and industry 4.0 setups
- Extendible by freely programmable MCU
- Customized OEM enclosure possible