



IO-Link

1-Port Master Module

Overview

The IO-Link 1-Port Master Module provides easy access to IO-Link devices without a PLC. It contains a fully compliant IO-Link transceiver PHY and a controller running an IO-Link master stack.

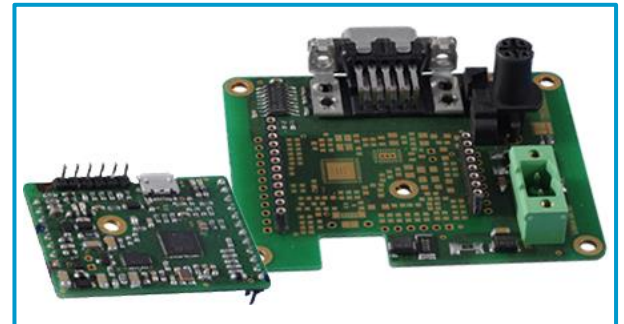
The IO-Link Master Module can communicate with external hardware through SPI or UART interfaces. Simple telegrams sent over these serial interfaces allow communication with the master and provide easy access to process data and IO-Link configuration and diagnostic information.

Device configuration can be done offline via USB with a PC running our intuitive IO-Link Control Tool.

The module can be attached onto an existing board, or for development purposes, a reference mother board is available.

Features

- Fully compliant with the IO-Link interface specification V1.1
- IO-Link V1.1 compatible stack
- IO-Link transceiver with integrated protection
- Switchable device power L+
- SPI interface for control and process data
- UART interface for control and process data
- USB interface for PC control
- Dimensions: 43 x 33 mm



IO-Link 1-Port Master Module. Universal, smart, easy.

Advantages

- Reduced development effort and cost
- Faster time to market

Typical Applications

- Seamless integration of IO-Link devices into machine control or similar systems that work without conventional PLCs

Motherboard features

- 24V power supply connector
- DB-9 serial connector
- Power supply for IO-Link Master Module
- M12 IO-Link Master connector

Deliverables

- 1-port IO-Link Master Module
- Motherboard with IO-Link Master Module plug with SPI and UART interface (optional)
- IO-Link Control Tool for easy configuration of IO-Link devices with integrated IODD parser
- User Manual

