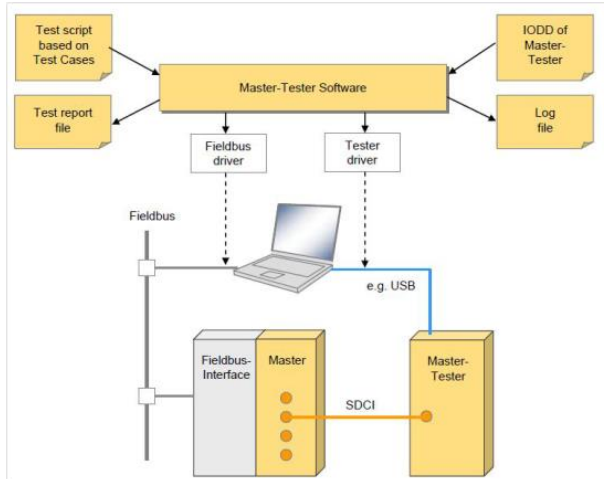




Use IO-Link Master Tester V1.1.2

Universal · Smart · Easy



Overview

The IO-Link Master Tester V1.1.2 consists of a PC program and a hardware box. The test system allows complex IO-Link Master tests according to the IO-Link test specifications. Correct IO-Link behavior as well as possible erroneous functions can be tested.

The IO-Link Consortium requires a manufacturer's declaration of IO-Link conformity for all IO-Link Masters. MESCO developed a test system for this purpose, based on the IO-Link Consortium test specifications.

As the first field bus type it supports PROFIBUS DP and may be customized to further field bus interfaces.

A serial test interface that allows testing of the IO-Link master without using the fieldbus is available.

The IO-Link Master Tester comes with a complete set of specified test cases.

Moreover, it can be easily extended with additional test cases. The test system can be used during the development phase for manufacturer's self declaration of conformity as well as in the production process.

Deliverables

- IO-Link Master Tester handheld
- Software on CD-ROM
- USB-Cable

Master Tester Features

- Test system for realization of automated, reproducible and complex IO-Link Master tests according to the IO-Link test specifications Rev 1.0 / Rev 1.1
- Monitoring function for direct error search and bug fix
- Programmable via script
- Creation of status information
- Test of field bus implementation according to integration instructions
- Possibility of stimulation of any ISDU parameter
- Open application interface for adaptation to other interfaces
- Appropriate tool for Master manufacturers for simulation of different device types and its malfunctions.
- Upgrade to V1.1.3 supported by maintenance contract

Advantages

- Highly automated test of IO-Link masters
- Allows testing of the IO-Link master without fieldbus or backplane gateway.
- Maintenance contract offered for updates to later test specifications or IO-Link "packages"

¹⁾ The IO-Link Master Tester was originally developed by MESO engineering and is now maintained and offered by TEConcept