



# IO-Link Device Tester

### Overview

The IO-Link Consortium requires that every IO-Link device has a Manufacturer's Declaration stating compliance with the specifications. Numerous tests defined in the Test Specification are necessary to accomplish this.

The IO-Link Device Tester is the ideal tool for protocol testing. It simplifies compliance verification with a full set of test cases and easy report generation.

The included Device Tester Application uses the IODD file of the device to match most of the test parameters to the device's capabilities.

Additional test procedures (like checking the valid ranges of device specific parameters) can easily be added by the user in XML.

The hardware is powered by an external 24 VDC power supply, it is controlled via an USB port, and it offers a standard M12 connector to connect the device under test (DUT).

### Deliverables

- Device Tester (hardware tool)
- 24 VDC power supply
- Device Tester Application (software for Windows)



*IO-Link Device Tester. Universal, smart, easy.*

### Device Tester Features

- Complies with the IO-Link Test specification V1.1.2
- Approved by the IO-Link Quality Working Group
- External 24V/300mA power supply
- M12 IO-Link master connector
- DIN-rail mount
- USB control
- Expandable with customer specific test cases

### Device Tester Application Features

- Intuitive graphical user interface
- Selectable Test Case execution
- Step-by-step test report generation (PDF)
- Hex-Trace of IO-Link communication
- Log and Trace file export
- Additional Control Feature (USB-Master)
- Session store/restore (project file)
- Firmware update feature

