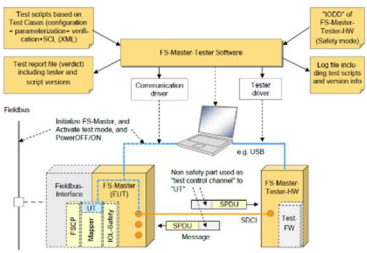
TEConcept

Safety Master Tester

Use IO-Link
Universal · Smart · Easy



Overview

Every manufacturer of IO-Link Safety Masters needs to run tests specified in the current IO-Link Safety Test specification V1.1.3 successfully as precondition for the assessment of a named body (e.g., TÜV). Precondition for Safety tests are the Standard IO-Link Master Tests that are executed by a different tool.

IO-Link Test Specification describes tests of the Safety Communication Layer “SCL” based on test vectors that were automatically generated and approved by a named body (IFAK tests).

To run the Safety Tests, the Master Manufacturer must implement an Upper Tester (UT) and an SMI Test Communication Server.

The IFAK test vectors are submitted by the Safety Master Tester Unit to the Master Under Test. Some additional test cases, such as the Splitter / Composer test are triggered via the STCS.

Advantages

- Highly automated test of IO-Link Masters
- Automatic report generation
- Support of Safety assessment of named bodies
- One year maintenance included

Safety Master Tester Features

- Test system for automated, reproducible Safe-ty Master tests according to the latest IO-Link Safety Test specification
- PDF Report Generation
- Simultaneous test of multiple ports supported (requires additional MTUs)
- SDK for SMI Test Communication Server
- Maintenance extension provided
- Option for additional SMTUs

Deliverables

- Safety Master Tester app “SMTA” installer
- VID locked license key (for Master manufacturers)
- Optional unlocked license key for Test labs
- One Safety Master Tester Unit “SMTU”
- USB-Cable
- SDK for SMI Test Communication Server
- Python based SMI control-application

Availability

- In stock