

Call for experts for “IO-Link Lighting and Indication Profile”

The Smart Sensor Profile is an enormous success within IO-Link. The achieved standardization makes it much easier for the customer to take sensors from different manufacturers in operation.

In recent years, more indication and illumination lights with IO-Link interfaces have come onto the market. Many of these lights have similar functions, such as color control, individual segment control in tower lights, acoustic notifier control, and others. These functions can be standardized to simplify integration of these “intelligent” IO-Link lights with PLCs, using common function blocks or add-on instructions.

A new profile working group, focused on various “intelligent” IO-Link lights is proposed and is looking for experts who are willing to contribute actively their experience and requirements in this field.

Some of the issues that are up for discussion are:

- Cooperation with other Profile Working Groups (Smart Actuator and Smart Sensor WGs)
- Use Cases and Requirements
- Scope and Device Classification
- Device Model
- Common Functions
- Parameter Structure
- Integration of other Profiles (Smart Sensor, Smart Actuator)
- PLC Function Blocks and Add-on Instructions
- Testability

All interested member companies are invited to join this working group. Please sign up if you are interested by May 31th, 2020 by sending e-mail request to

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