Wallner Automation: This way to openSAFETY

Wallner Automation develops custom electronics solutions for manufacturers of industrial automation components and systems.

From analog and digital hardware to FPGAs and firmware, quality is always the main focus. Wallner performs EMC and environmental testing during development in its own in-house laboratory to ensure the robustness of its electronic components.

The company has many years of experience developing components for safety controllers rated up to CAT4/SIL3/PLe based on openSAFETY. Well-known automation suppliers have used these components to integrate functional safety over Industrial Ethernet into their own proprietary systems. Wallner also offers POWERLINK interfaces.

POWERLINK and openSAFETY system components

Wallner Automation offers its customers comprehensive support for POWERLINK slave implementation, including development of hardware and software. Wallner Automation also develops custom digital and analog I/O modules and CPU components for safety applications based on openSAFETY.

**POWERLINK and openSAFETY Products & Services Overview**

- **Hardware:** Evaluation board with FPGA or ARM processor
- **Multi-protocol:** POWERLINK, Profinet, Sercos, Modbus, CANopen, Industrial Ethernet
- **Design support:** From conceptual design to series production
- **Additional offers:** Custom implementations and services

Robust electronics featuring uncompromising compatibility with the open POWERLINK and openSAFETY standards can be quickly integrated into existing solutions to open up a wide variety of intelligent field devices for customers in the field of industrial automation.