

IO-Link-sensors

THREE SENSOR TYPES AND A DENOMINATOR: IO-LINK, A SERIAL COMMUNICATION PROTOCOL FOR SMART INDUSTRY



Euroswitch presents the new range of Industry 4.0 products:

ESL level sensor - EST temperature sensor - 987 differential pressure transmitter

Three types of IO-Link sensors for smart industrial production - the 987 differential pressure transmitter, the ESL level sensor and the EST temperature sensor, all designed in Euroswitch's R&D departments for Industry 4.0. The northern Italy-based company has long focused on advanced programming languages to meet new market needs and offer customers an even more comprehensive service.

The common denominator of these new products is the integration of the IO-Link protocol for point-to-point communication between the IO-compatible system and a field device. Since it is an open standard, it provides for two-way data exchange direction between the sensors and supporting devices. Each IO-Link sensor has an IODD (IO Device Description) file with information about the device and its IO-Link functions.

The IO-Link system offers many advantages, including the use of a standard unshielded 3-wire cable, advanced diagnostics and data availability, remote configuration and monitoring, and simplified device replacement. All of these benefits improve machine management and process efficiency, thereby reducing overall costs.