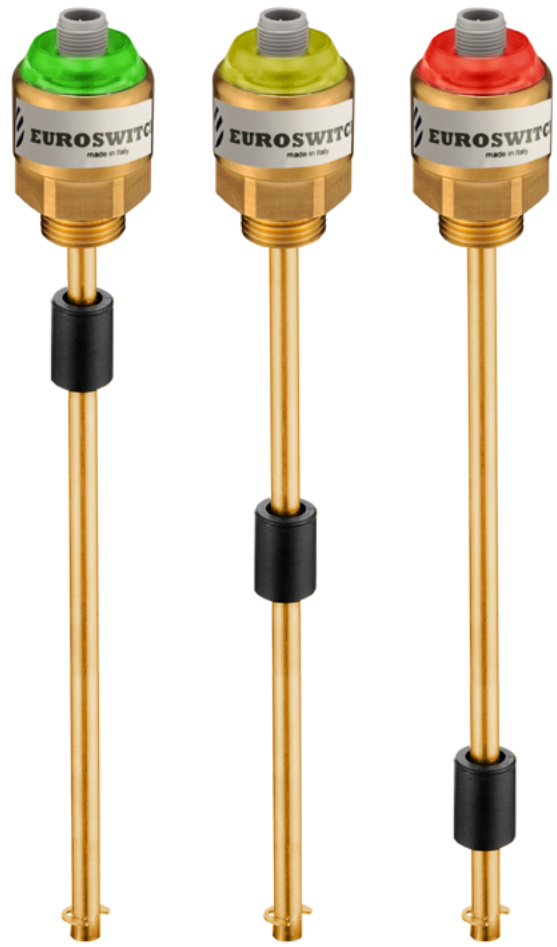
FEATURE FOCUS

A programmable level sensor **For industry 4.0**

EUROSWITCH is going to launch a new version of their ESL analogue level sensor: ThIS sensor can be programmed directly by the user through a dedicated tool.

The Italian company **Euroswitch** is going to launch a new version of their ESL analogue level sensor, specifically conceived for use in the Industry 4.0 environment.
The new range of sensors was designed by in-house R&D laboratories¸ an innovative structure in which Euroswitch continues to make considerable investments aimed at incorporating new communication protocols in Euroswitch products and providing a prompt response to increasingly demanding market requirements.
The newcomer is precisely the ESL level sensor with a 4-20 analogue output and two digital thresholds that are programmable by the user. A dedicated tool provided directly by Euroswitch allows users to programme both outputs at the switching point and reset point (thus providing 4 setting points available); the two outputs can both be the level outputs or one level and one temperature output, or both temperature outputs, using the built-in temperature sensor. These innovative sensors incorporate advanced electronics that provides a communication system and an exchange of sensor-machine information through different protocols, such as Modbus and IO-link. More precisely, IO-Link is a serial communication standard that allows the bidirectional exchange of data between sensors and the IO-Link master; a tool that in turn sends data to various networks, fieldbuses or backplane buses, making them accessible for immediate use or for conducting long-term analyses. It also ensures "cleaner" data, easy wiring and optimised maintenance of machines, thus maximising machine availability and guaranteeing enhanced process efficiency. ●



The new version of their ESL analogue level sensor by Euroswitch.

A new illuminated differential indicator with RINA- and UL-approved certification

Euroswitch has also launched on the market the new illuminated differential indicator model 983, which was conceived to indicate the degree of clogging of a filter element with the highest level of accuracy.
The main feature of this innovative product, which is intended for use in filter systems, consists of an illuminated dome, the colour of which is associated with different degrees of filter clogging. This allows you to "discreetly" monitor the state of filter elements very clearly and accurately and also "set" the indicator to the desired threshold. The 983 Illuminated Differential Indicator is wired using an M12 connector. This helpful tool allows the user to visually check the degree of clogging and choose different thresholds to be matched with different colours. The sensor body comes in brass or AISI 316 steel, IP67 rating, and complies with UL-listed process marking. The new Illuminated Differential Indicator 983 can be supplied on request with RINA Certificate of Approval, i.e. a Safety Certificate issued by the Italian Naval Register, which certifies compliance with the international standards required for the nautical industry. Special versions, with different materials and/or wiring connections, are available for this latest-generation indicator as well.