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PRESS INFORMATION

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Murrelektronik Revolutionizes IO-Link

IODD on Board

Now you can set up machines and systems with IO-Link devices even faster. Murrelektronik is the first manufacturer to offer "IODD on board" which allows you to "Plug & Play" when integrating IO-Link devices.

An IODD (IO Device Description) file describes sensors and valves. It contains information about the device's identity, parameters, process data, diagnosis data, communication properties and other details.

Murrelektronik's new MVK Metal and Impact67 fieldbus modules have IODD files (for participating manufacturers IO-Link devices) integrated into the GSD file. If those devices - like IO-Link sensors or valve clusters - are included in an installation, this database is available and can be quickly integrated. Prior to this each new IO-Link master had to be individually integrated into the software taking up valuable time. If a large number of identical sensors had to be connected, the process had to be repeated for each new device on the network. This was a time consuming and error-prone process.

Now, with "IODD on board", the IO-Link master is configured by the control – and the setup is complete. Just "Plug & Play" and the job is done.

Another interesting feature of these new modules is the option to integrate IO-Link devices via asynchronous access. This option is also available on the new Cube67 IO-Link master module.

All of Murrelektronik's new IO-Link modules correspond to IO-Link specification 1.1. and are equipped with IO-Link Class A and B ports.

About IO-Link
IO-Link is a communication system that was established in 2006 to quickly and cost effectively integrate intelligent devices with a standardized connection into installations. IO-Link converts analog data to digital data directly in the sensor. This enables transfer with cost effective, standard, unshielded cables. When identical IO Link sensors are replaced, no re-parameterization of the sensors is required.

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