

## Telso®Flex links ERP data to the welding process

The new control software for increased process reliability

PLASTIC WELDING

METAL WELDING

CUTTING

CLEANING

SCREENING



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With its headquarters in Frauenfeld, Switzerland, and operations all over the world, Baumer Electric AG has total confidence in Telsonic's new control software. A specialist in sensors, Baumer is using an ultrasonic welding system from Telsonic featuring the brand new Telso®Flex control software to manufacture a new range of optical sensors that has been designed specifically to meet the needs of Industry 4.0.

All of the sensors in the new range can be welded with the same sonotrode. "All of the parameters for the various workpieces are stored in our ERP as welding jobs and loaded automatically for each workpiece. Detection sensors in the ultrasonic welding press ensure that the parameter set matches the workpiece or, in other words, that the correct workpiece is in the holder. This rules out the possibility of incorrect welding," says Stephan Kröller of Baumer. The process data (including welding results) is stored automatically and centrally. For quality control, the welding results can be evaluated at any time, which also ensures traceability. There are plans to add more welding systems to the network so that the status of the individual systems can be queried from a central location. Telsonic's Telso®Flex control software already has an integrated function to support this option.



- 01 Optical sensor
- 02 USP750 ultrasonic welding press with new Telso®Flex control software and sound enclosure



Telso®Flex video  
(click here)