

## Reliable and fast technology for splice connections

More and more control systems and sensors are finding their way into modern motor vehicles, but they work only if they are reliably connected to each other. In this case, ultrasonic welding proves to be the best optimal procedure for connecting individual strands. It is a fast, economical, ecological, and safe joining process with minimal change of conductor resistance at the welding point. The versatile uses of ultrasonic welding are also recognized in the company VIAL Automation, d. o. o., where they offer a special wire welding system.

Ultrasonic welding has proven to be one of the most exact welding methods with minimal input and higher quality results. Due to its precision, it enables many applications in medicine and medical technology. It is also widely used to produce reliable electrical connections in the automotive industry in the field of implementation of parking sensors, headlights, automotive interior production, production of cable sets and electric car batteries.

Production with Telso-Splice technology ensures reliable and fast splice connections. Due to its compact design, it is ideal for cable assembly in the automotive industry as well as in a broad range of other fields. Its use is versatile and user-friendly, as it can be parameterized via the touchscreen interface.



*The output from the Telso-Splice technology is a fast, high-quality, and economical combined product (Source: Telsonic AG)*

The system provides higher performance and is designed to combine copper, aluminium, and a combination of both materials. The benefits of ultrasonic wire splicing include a minimal change in the resistance of the conductor at the welding point, a high level of protection against corrosion and a fast and economical joining process. Additional benefits for the end-user are also easy maintenance and a quality control system.

At VIAL Automation, d. o. o., they try to satisfy the wishes of their customers as much as possible. Consult with their experts, they will design a plan and find a solution for your application and the introduction into the production environment.



## PRODUCTION WITH TELSONIC TECHNOLOGY



Wire harness assembly for the automotive industry and a broad range of other industries



Easy operation of the device via the touchscreen interface



Minimal changes in the resistance of the conductor at the welding point



A high level of protection against corrosion



Fast, safe, and ecological joining process

