Resistance welding
DC technology
Quality assurance system
The PSQ 6000 control board with the unique quality monitoring system will ensure maximum process reliability on your production line using intelligent current/voltage or ultrasonic pulse monitoring and control. The innovative technology also includes online monitoring of the weld. This process is supported by documentation, logging and statistical process control via the BOS 6000 user interface.

For process assurance Rexroth offers the retrofittable PSQ 6000 control board which can be used for current/voltage and ultrasonic control. It is part of the PSQ 6000 quality assurance system which controls, monitors and logs the welding process. With integrated ultrasonic control and testing, the ultrasonic measuring system monitors the quality of the spot welds during the actual welding process. Ultrasonic pulses are used to control the size of the molten weld nugget, and to calculate and display the spot diameter.
The data specified above only serve to describe the product. As our products are constantly being further developed, no statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.