



Industry

# Signaling Devices Made by Schunk – Secure and Economical

Premium equipment for professional electric power tools

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### Cut-off and signal:

- **Cut-off:** Protects the commutator by cutting off the electric power tool before the carbon brush wear limit.
- **Signal:** A signal (e.g. LED lamp) indicates in a timely manner that the carbon brushes must be changed. The time period up to cut-off is determined device-specific.



*Cross section of a carbon brush with an alarm wire*

**Electric power tools are recognized by their cut-off device and premium tools by their signaling device.**

To protect the commutator, professional electric power tools have a mechanical cut-off device at the wear limit of the carbon brushes. Premium tools have a signaling device that informs the user in a timely manner that the carbon brushes need to be replaced.

**The new signaling device by Schunk: Premium convenience is now cost-effective.**

This premium function is now becoming standard: For the first time our new patented signal generator can now be produced in large series. It can also be used economically in conventional professional electric power tools. Take advantage of the benefits of the premium signaling device for your professional large series!

The signal of the signaling device can be evaluated electronically. This allows the motor to be switched off electronically following a defined remaining operating period. The mechanical cut-off of the carbon brushes is no longer required.

Premium quality that makes your professional electric power tools even more attractive.

**We have the optimum solution for your electric power tools: contact us today!**

# Schunk – A worldwide success. Always at your side.

Schunk is a global leading force in the development, production and use of carbon, ceramic, quartz and sintered solutions. Like no other, Schunk combines innovative strength and technological know-how with an extraordinary service orientation to supply a range of performances unique to the market. Schunk is a partner who offers you all the technological possibilities of a globally active company and can implement your ideas pragmatically and tailor-made to your requirements – whether these are for industrial large-volume markets or highly specialized niche markets.

## The Schunk Group

The Schunk Group is a globally operating technology company with a global business unit structure. The company is a leading supplier of products made of high-tech materials – such as carbon, technical ceramics and sintered metal – as well as machines and systems – from environmental simulation and air conditioning to ultrasonic welding and optical machines. The Schunk Group has more than 9,500 employees in 29 countries and achieved sales of €1.28 billion in 2018.

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