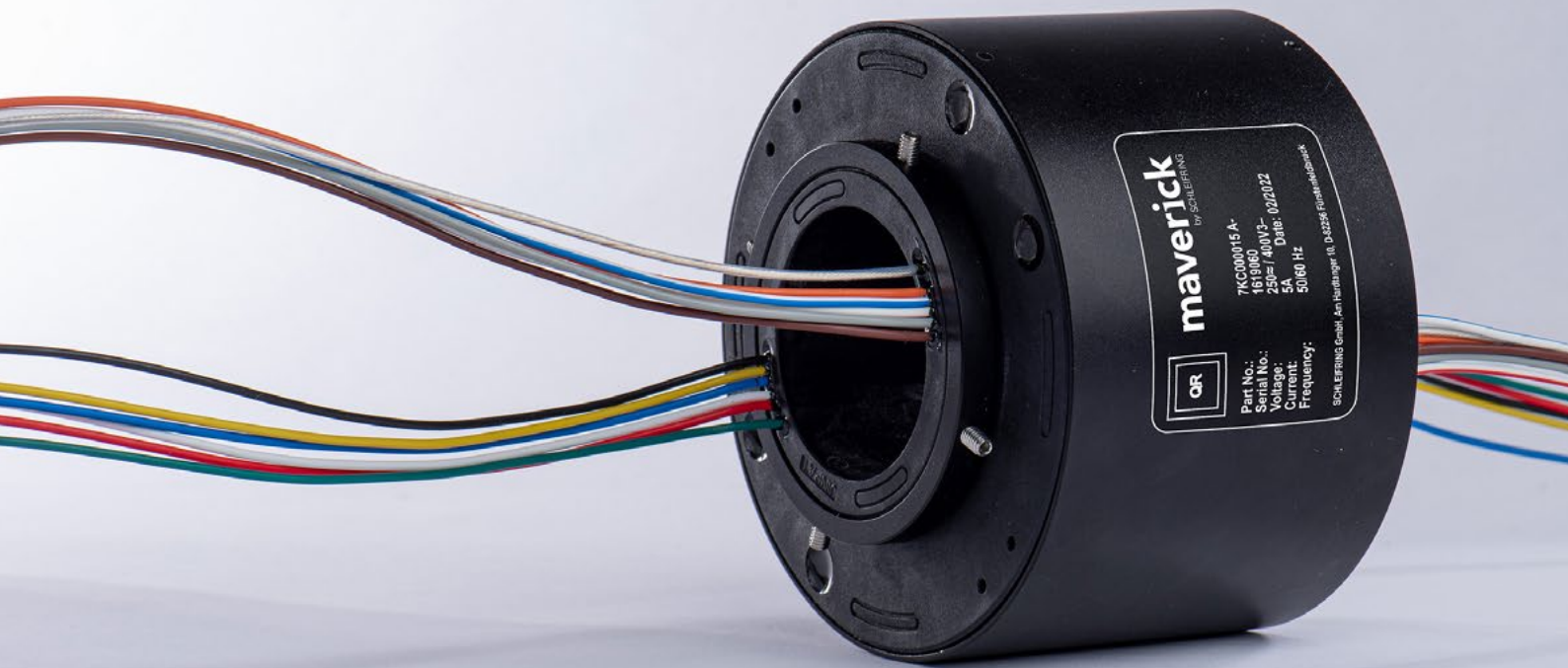


# Our Brands Our Products



**SCHLEIFRING**



**maverick**  
by SCHLEIFRING

Part No.: 7KCC00015 A-  
Serial No.: 1819180  
Voltage: 230V / 400V3-  
Current: 5A  
Frequency: 50/60 Hz

SCHLEIFRING GmbH, Am Hartenberg 61, D-42256 Fuchsbau

**SCHLEIFRING**



**SCHLEIFRING**



# SCHLEIFRING

## Our Brands – Our Products

### SCHLEIFRING



### SCHLEIFRING

Schleifring was founded in 1974 and since this time has evolved into a strong partner for the industry in all areas of data, energy, light or media transmission between moving components. Among our brands we offer you machines and assemblies, in particular for the transfer of solid, liquid and gaseous substances between countermoving parts and, in particular rotating parts. Of course, you can also obtain spare parts such as slipping brushes, collectors or dynamo brushes under this brand.

Examples of such machines are rotary joints that serve as devices, assemblies or component for the transmission of electrical power or for data transmission between mutually movable units.

In thousands of hospitals, for example, our rotary joints ensure that the data from the computer tomographs can be displayed on the doctor's screen instantly.

#### 5. Enhance your supply chain with fast and direct communication

- State-of-the-art supply chain processes
- Tailored to the customer's needs
- Cost-oriented

The correct number of parts delivered at the right time to the right place – we are the right partner.

#### 4. Rely on our support – including after-sales support

- Technical support worldwide
- EMC testing

Our team is equipped to solve unexpected issues as fast as possible worldwide.



#### 1. Be the first to implement competitive technology

- Over 40 years of experience
- Highly skilled engineers
- In-house development
- Customized solutions

Our business principle is cutting-edge technology – the basis on which our projects are started.

#### 2. Overcome engineering challenges

- Power, signal and data transmission
- Bearings and drive trains
- Individual product or fully integrated package

Based on the extensive experience of our engineers, we will develop a solution tailored to meet your individual requirements.

#### 3. Count on high-quality production

- In-house manufacturing
- Innovative industrial processes
- Specialist engineering know-how

Rely on the highest quality and efficient production processes of the largest slip ring factory in the world.

► Customer- and application specific services provided by Schleifring GmbH

With the brands

### SCHLEIFRING



### SCHLEIFRING

We also label our electronic assemblies for switching, conducting, converting, storing, transforming, regulating and controlling electricity with the brands SCHLEIFRING which are used in these devices, among other things, and are offered as separate products or fully integrated into our rotary joints.

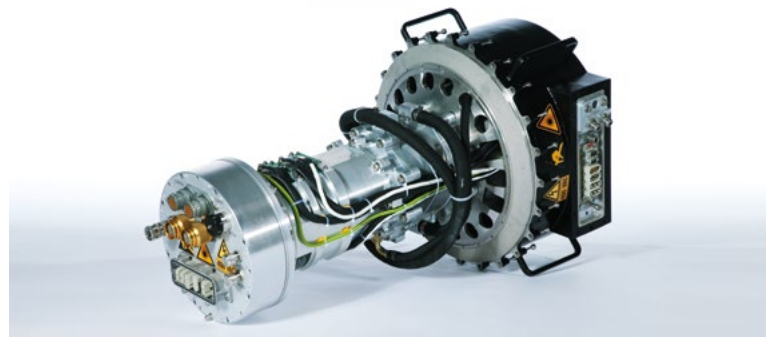
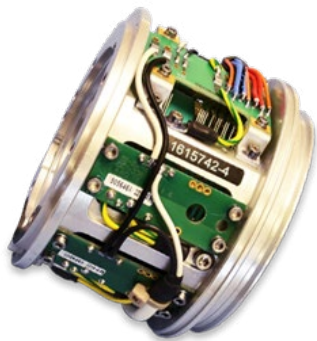
Our products are state-of-the-art data processing devices that have integrated measuring and display functions. For example, an integrated bit error monitoring, transmission performance measurement or the measurement of environmental variables.



## Our Brands – Our Products

Such measurements are not an end in themselves, but enable function monitoring and signaling of error states. Media rotary joints for the transmission of gases or liquids between countermoving units are also branded products such as high-frequency rotary joints for the transmission of high-bit-rate data or high-frequency power, optical rotary joints for the transmission of optical signals, non-contact rotary joints as capacitively or inductively coupled rotary joints for the transmission of signals or power.

Hybrid rotary joints that combine several of the technologies mentioned are also offered under the brands mentioned. The same applies to individual components of the named rotary joints such as slipring brushes, brush blocks as well as semi-finished products and modules.



► Hybrid rotary joints with brush blocks, integrated data processing modules, high-frequency and optical as well as capacitive rotary joints for bidirectional power and data transmission

Our products are used in all areas of science, nautical, surveying, image acquisition and processing, optical, life saving apparatus and instruments are just some of the applications of our equipment.

**A permanent supply of spare parts, e.g. slipring brushes, brush blocks or collectors, is a matter of course under the SCHLEIFRING-brands.**

SCHLEIFRING



SCHLEIFRING

SCHLEIFRING not only stands for standard solutions, but also for scientific and technological services and research work. We analyze a technical transmission problem holistically, i.e. we consider mechanical problems as well as optical and electrotechnical or fluid dynamic problems. Our development services in the field of transmission of electrical and optical signals or energy as well as data transmission between countermoving units, e.g. rotary joints and transformers, will also convince you.

**Schleifring GmbH is researching new technologies for transmission between moving parts. Gladly on your behalf too!**

Customer-specific or application-specific

- Entwicklung • layout • specification • construction • design • configuration • manufacture • assembly • testing • documentation • distribution • sale • delivery • maintenance • service • installation • disassembly • error analysis • diagnosis and repair of rotary transmitters and the periphery are our strengths.

**Do you need to reliably transmit data, energy, light or fluids between parts rotating in opposite directions? Contact us** – contact details can be found at the end of the brochure.



# SCHLEIFRING

## Our Brands – Our Products

### LubeLife – more than just lubrication!

**LubeLife** is the brand of Schleifring GmbH for high-quality coating agents and cleaning agents. Whether lubricating or cleaning, spraying or wiping, our **LubeLife** oils and coatings offer reliable protection against corrosion and reduce abrasion.



► LubeLife contact oil in spray bottle

**LubeLife** -LubeLife products are specially tailored to the contact surfaces of our rotary joints:

**SCHLEIFRING** |



| **SCHLEIFRING**

The quality of the **LubeLife** products is monitored, **LubeLife** is developed further for special requirements. We would be happy to take on maintenance and service of your rotary joints and sliprings with our **LubeLife** products, which is what **LubeLife** from SCHLEIFRING stands for.

### LubeLife - Contact oil

**Contact us** – contact details can be found at the end of the brochure.



► LubeLife contact oil for the maintenance of rotary joints



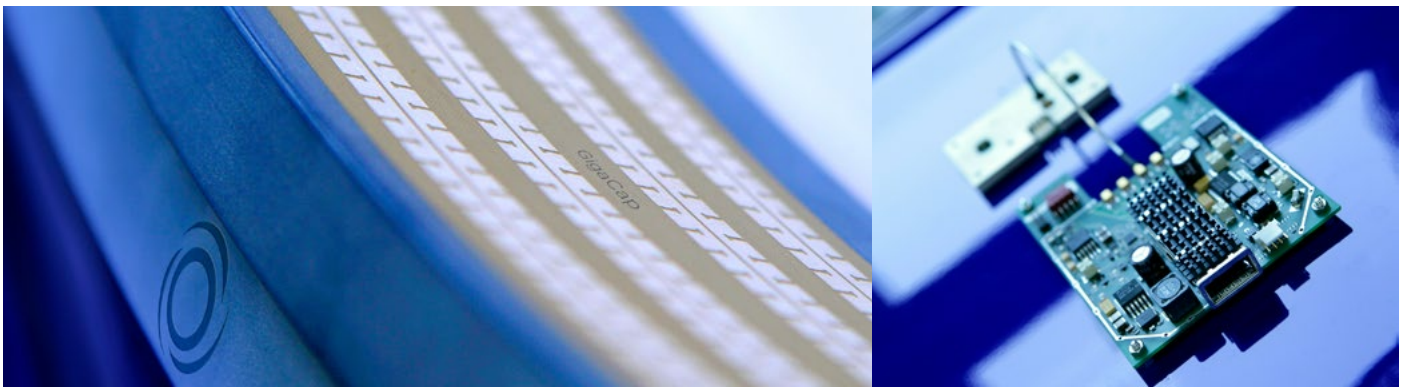
## Our Brands – Our Products

### GigaCAP

**GigaCAP** are our non-contacting rotary joints that are used to transmit signals or power between countermoving devices. Depending on the application, we use optical, optoelectronic, capacitive and inductive data and energy transmission.

**GigaCAP** rotary joints also enable the combination of several transmission technologies, which means, for example, a contactless capacitive data path with inductive power transmission or an optical data path in a rotary joint is possible.

Our **GigaCAP** rotary joints are particularly suitable for the transmission of high-bit-rate data buses and for bidirectional bus transmission. As a further application, our **GigaCAP** rotary joints have proven themselves in the transmission of unidirectional video data. However, **GigaCAP** rotary joints are not limited to the transmission of data, but can perform tasks such as data processing, data flow monitoring and the like as independent data processing devices. Of course, our **GigaCAP** rotary joints record a large number of measured variables, which are evaluated via the integrated data processing. This not only enables condition monitoring, but any emerging problems can be identified, signaled and rectified in good time.



► GigaCAP rotary joint and GigaCAP electronics for data processing

**GigaCAP** rotary joints have proven themselves in many areas of science and technology. Nautical, surveying, image acquisition and processing, optics, medical technology and life saving are just a few applications of our **GigaCAP** devices.

The **GigaCAP** brand not only stands for contactless rotary joints and the corresponding accessories, but also for the development, layout, construction, design, configuration, manufacture, assembly, testing, documentation, distribution, sale and delivery as well as service, installation, disassembly, error analysis, diagnosis and Repair of these contactless rotary joints.

Schleifring GmbH is constantly researching and developing this technology for contactless data and energy transmission under the **GigaCAP** brand. We are also happy to solve your technical problems in the transmission of data and energy between moving assemblies.

### CT Applications

**Contact us** – contact details can be found at the end of the brochure.



## Our Brands – Our Products

### MIA

The **MIA** brand stands for customized

- configuration • development • layout • specification • engineering • design • manufacture • assembly • testing
- documentation • distribution • sale and delivery as well as maintenance • service • disassembly • fault analysis • diagnosis and repair of rotary joints



► MIA – Custom configured rotary joints

**MIA** is state-of-the-art development service for our customers from Schleifring GmbH and the corresponding rotary joints. Depending on the customer's requirements, **MIA** rotary joints allow the transmission of solid, liquid and gaseous substances (media) between countermoving parts and, in particular, rotating parts.

The **MIA** range also includes the coordinated service parts and products such as slipping brushes, dynamo brushes, brush blocks, collectors, etc.

### MIA Configurator

### GigaPLUG

The **GigaPLUG** brand stands for non-contacting connectors that can be used as hardware for data processing to connect contactless capacitive computers e.g. via a Gigabit Ethernet interface. **GigaPLUG** serves as a connector for wirelessly sending and receiving data and messages and has low requirements for the positioning of the other end.

**GigaPLUG** is an electronic apparatus with the function of wireless receiving, storage and transmission of data and messages between other data processing hardware e.g. computers

### GigaPLUG

► GigaPLUG – Non-contacting connector for bidirectional data transmission

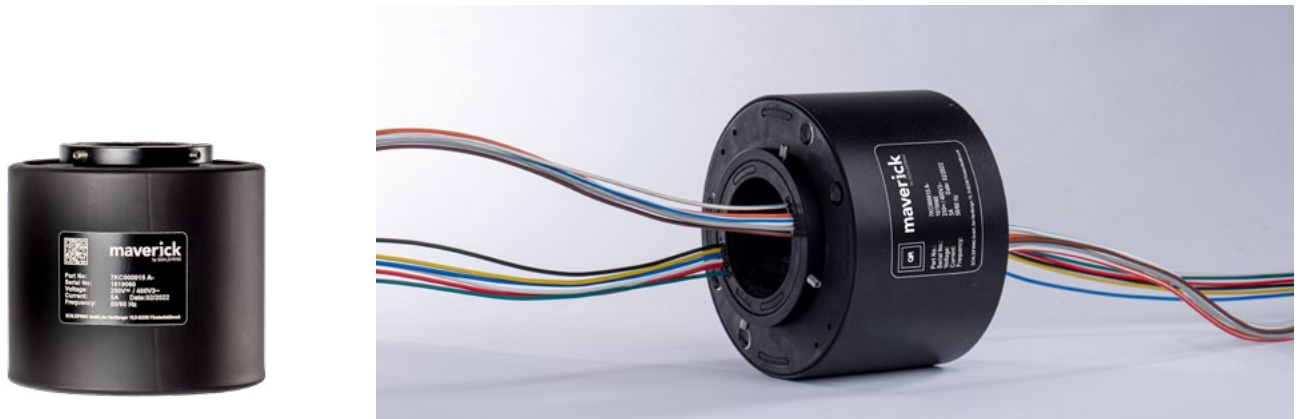




## Our Brands – Our Products



**Maverick** is the product line for rotary joints from Schleifring GmbH, which can be called up quickly and easily via our web shop: [www.shop.schleifring.de](http://www.shop.schleifring.de). Regardless of whether assemblies or components for the transmission of electrical and optical signals or energy as well as for data transmission between countermoving units such as rotary joints, rotary transmitter, collectors, brushes and pantographs and parts thereof.



► **Maverick – Standardized and application-specific configured rotary joint**

Standardized solutions allow the combination of high operational reliability with moderate costs. Visit our web shop and select your solution based on the available technical criteria.

### **Maverick**

**Contact us** – contact details can be found at the end of the brochure.



# SCHLEIFRING

## Our Subsidiaries

**We are here for you:**

Onlineshop: <https://shop.schleifring.com/>

Corporate website: <https://www.schleifring.com/>

Europe:

**sales@schleifring.com**

**Tel: +49 8141 403-0**

**SCHLEIFRING GmbH**

Am Hardtanger 10

82256 Fürstenfeldbruck

Deutschland

Canada & USA:

**sales@schleifringna.com**

**SCHLEIFRING North America Chelmsford,**

MA 222 Mill Road Chelmsford MA 01824

USA

Asia/China:

**sales@schleifringchina.cn**

**SCHLEIFRING Transmission Technology (Tianjin) Co., Ltd. Tianjin**

Wuqing District

Tianjin City 301799

P.R. China

