



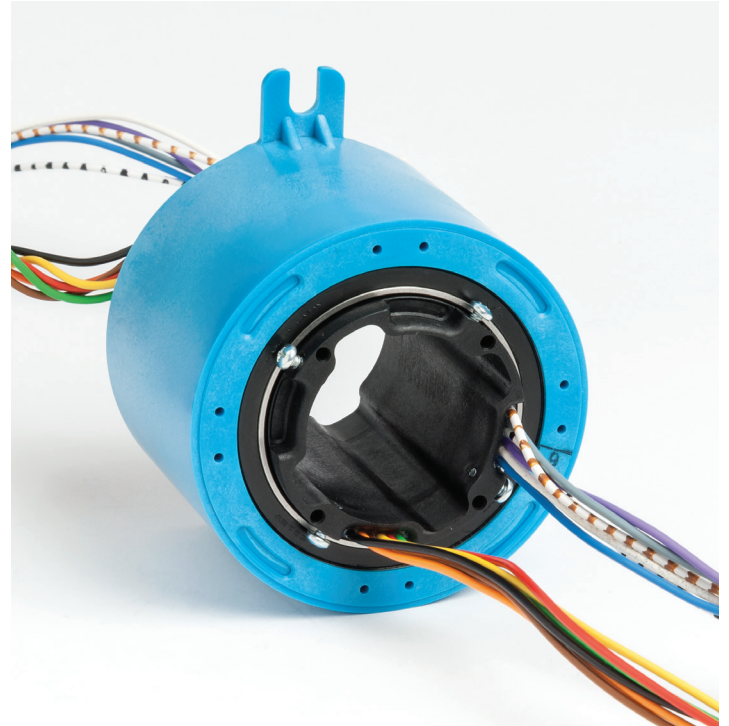
**FACTS**

- Outer diameter: max. 104 mm
- Hollow shaft diameter: max. 50 mm
- Fieldbusses

The system is maintenance free for up to 50 million rotations (depending on rotation speed and environmental conditions).

**APPLICATION EXAMPLES**

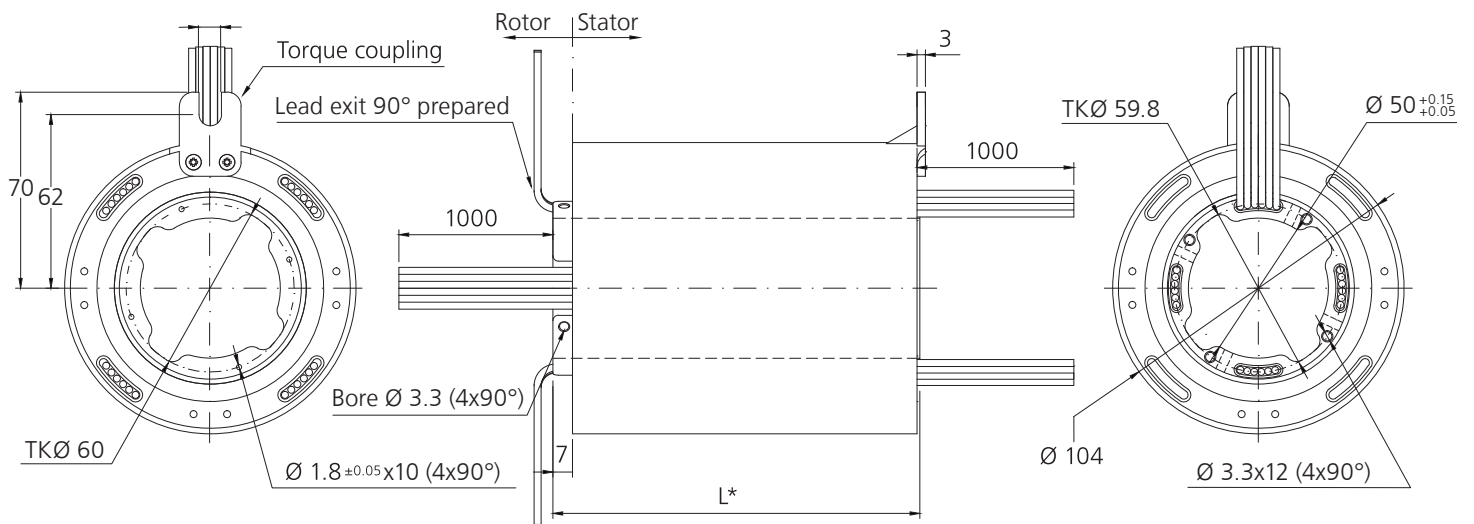
- Access System • Drain Inspection • Packaging Machine



**DATA**

Number of rings: 6 / 12  
 Current per ring: max. 10 A  
 Voltage: 480 V<sub>AC</sub>  
 Dielectric strength: 1500 V<sub>AC</sub>  
 Insulation resistance: 1000 MΩ at 500 V<sub>DC</sub>

Rotation speed: max. 400 rpm  
 Protection class: IP54  
 Operating temperature: -20 °C ... +80 °C  
 Electrical connection: 1000 mm leads;  
 AWG 16 - leads (1.23 mm<sup>2</sup>) PVC  
 Housing material: Fibre-reinforced polycarbonate



Number of rings	6	12
L* (mm)	59	83



SLIP RING

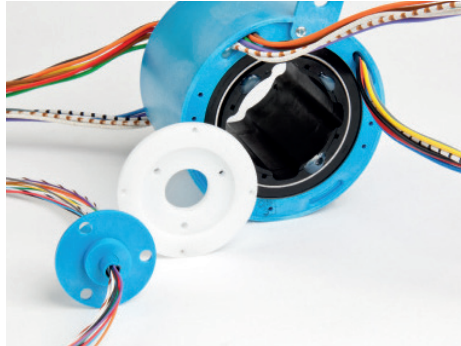
SC104-A01

LTN

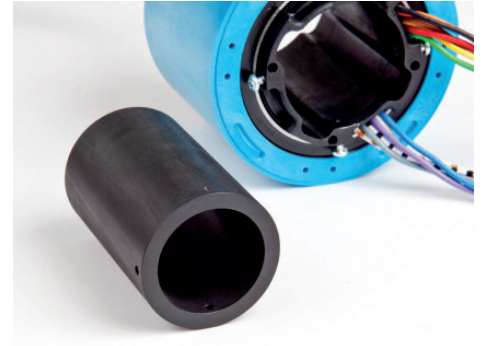
## ACCESSORIES ON REQUEST

- Adapter for slip ring SC020
- Shaft bushing (Inner diameter: 1.5" / 38.1 mm)

\* Extension by slip ring SC020 for additional channels, rotational speed max. 250 min<sup>-1</sup> (see data sheet SC020).

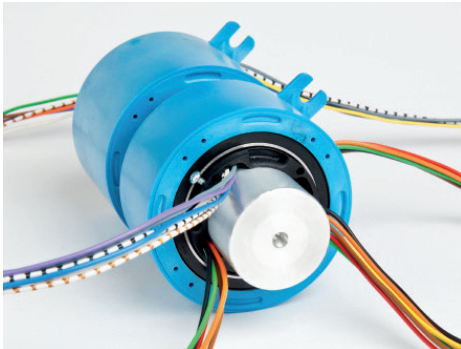


Combination with slip ring SC020\*

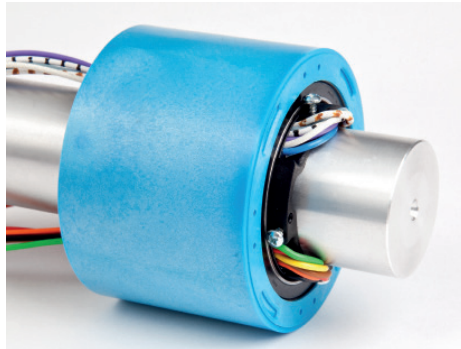


Shaft bushing (smaller inner diameter)

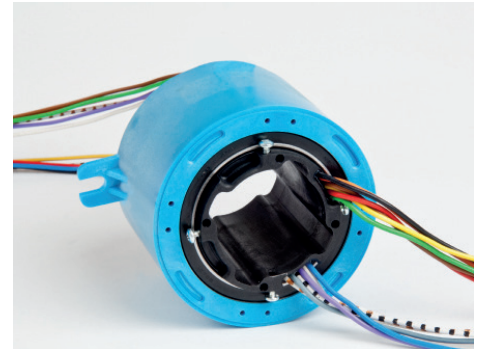
## VARIANTS



Combination 2 systems SC104



Cable led out one-sided



Torque arm shifted by 90°

The SC104 is a standard slip ring with exceptionally durable industrial bearings. With additional slots for axial cable routings, it can be applied modularly as combination of up to three 12-pole-systems with 36 rings max. The torque support can be placed at the front or back side of the housing and with flexibility of 90°. All models are equipped with 1 meter lead wires, lead exit optionally on one side of the housing - to turn them on 0°, 90°, 180° and 270°.

Stated values are standard. Other configurations are available on request.  
Subject to change without prior notice. Issued 10/2019

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