



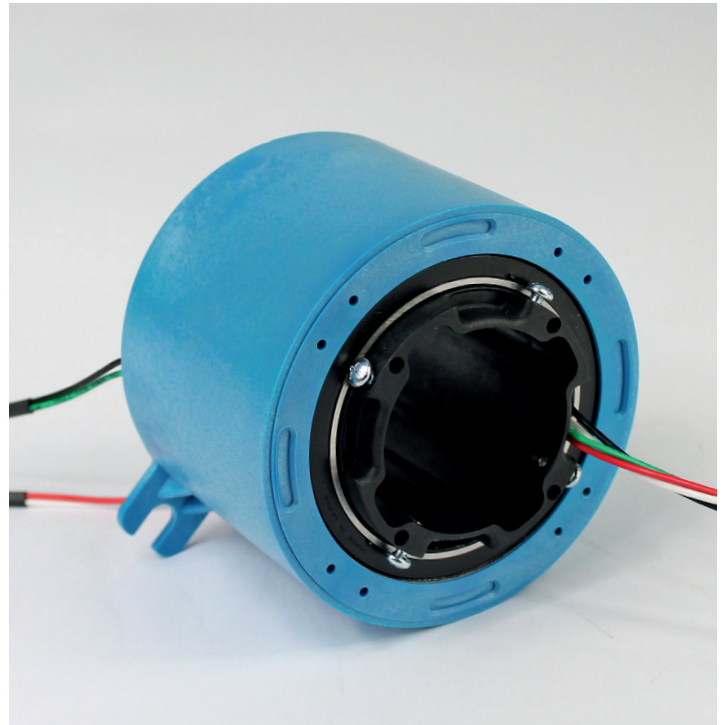
FACTS

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

The system is maintenance free for up to 150 million rotations (depending on rotation speed and environmental conditions).
Brush block changeable for easy maintenance and extended life time.

APPLICATION EXAMPLES

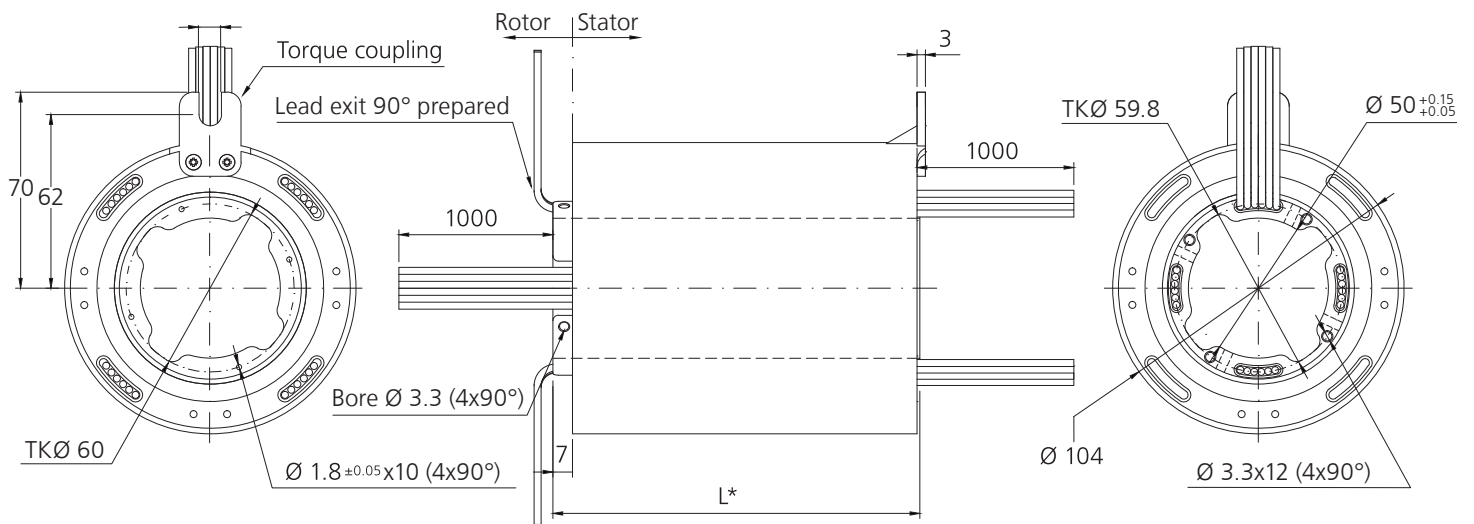
- Access System • Drain Inspection • Packaging Machine



DATA

Number of rings: 2 / 4
 Current per ring: max. 16 A
 Voltage: 480 V_{AC}
 Dielectric strength: 1500 V_{AC}
 Insulation resistance: >500 MΩ at 500 V_{DC}

Rotation speed: max. 800 rpm
 Protection class: IP54
 Operating temperature: -20 °C ... +70 °C
 Electrical connection: 1000 mm flying leads
 AWG16 -leads (1.23 mm²) PTFE
 Housing material: Fibre-reinforced polycarbonate



Number of rings	2	4
L* (mm)	59	83

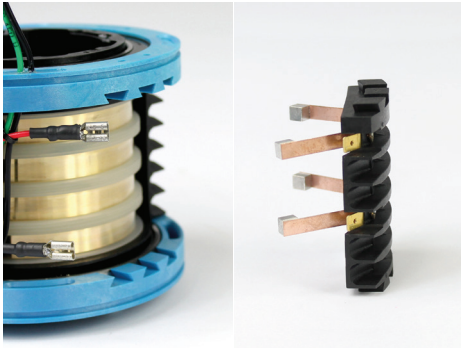


SLIP RING

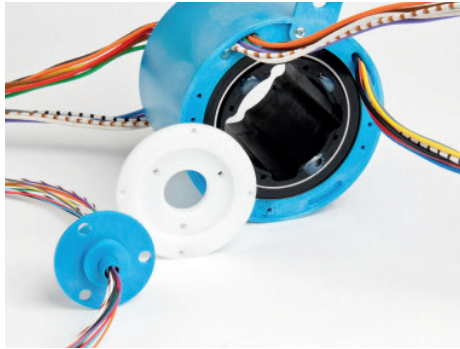
SC104-L01



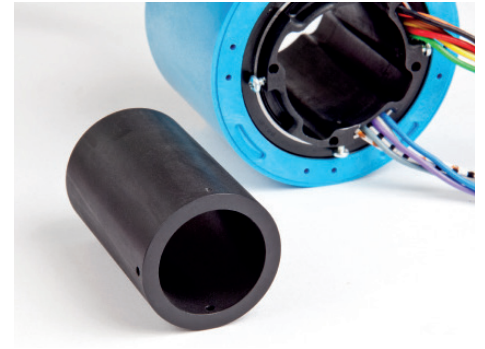
ACCESSORIES ON REQUEST



Spare brush block for extended lifetime. Easily replaceable by dove tail guide and blade terminal.

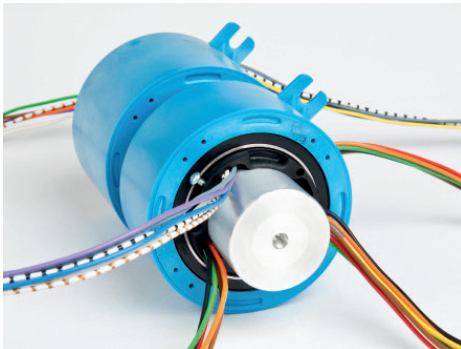


Adapter for slip ring SC020 for additional channels, rotational speed max. 250 rpm (see data sheet SC020).

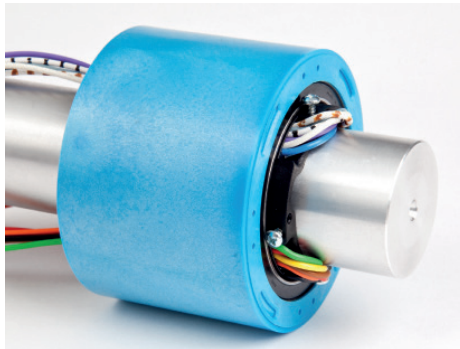


Shaft bushing. Smaller inner diameter: 1.5" / 38.1 mm.

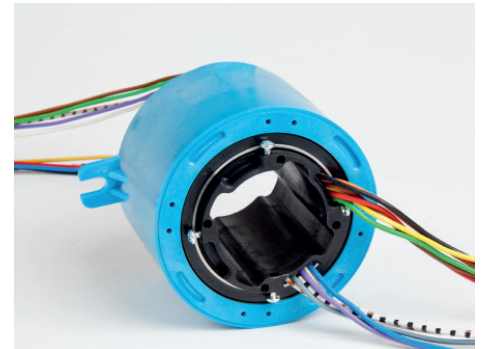
VARIANTS



Combination 2 systems
SC104 SC104-06-A01 (for Signal)
SC104-04-L01 (for Power)



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 four systems with 16 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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