

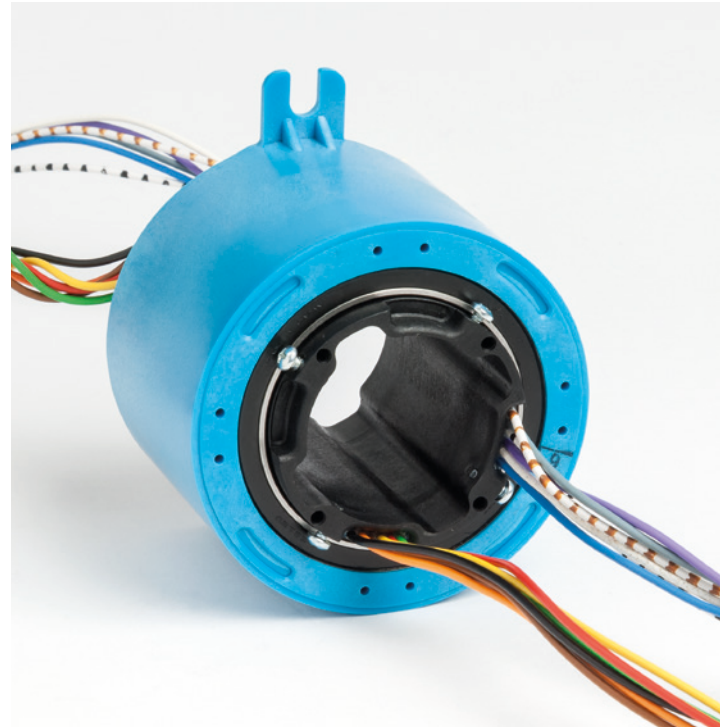
FACTS

- 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

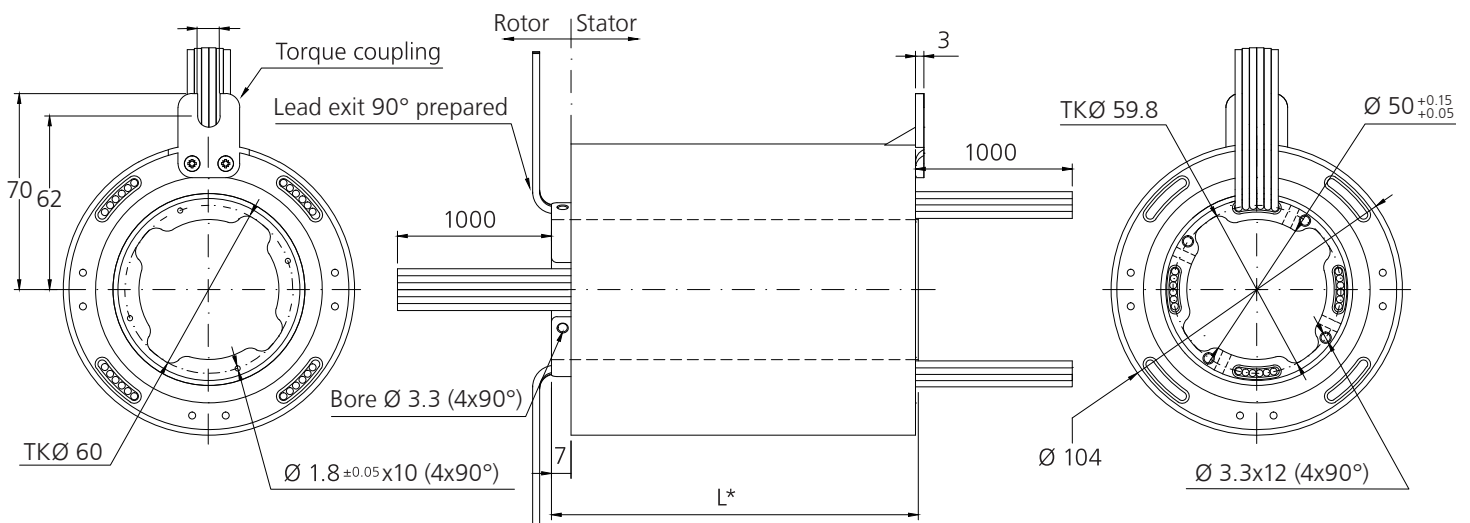
- Access System • Drain Inspection • Packaging Machine



DATA

Number of rings: 6 / 12 / 18 / 24
 Current per ring: max. 10 A
 Voltage: 480 V_{AC}
 Dielectric strength: 1500 V_{AC}
 Insulation resistance: 1000 MΩ at 500 V_{DC}

Rotation speed: max. 400 rpm
 Protection class: IP54
 Operating temperature: -20 °C ... +80 °C
 Electrical connection: 1000 mm leads;
 AWG 16 - leads (1.23 mm²) PVC
 Housing material: Fibre-reinforced polycarbonate



Number of rings	6	12	18	24
L* (mm)	59	83	107	131



SLIP RING

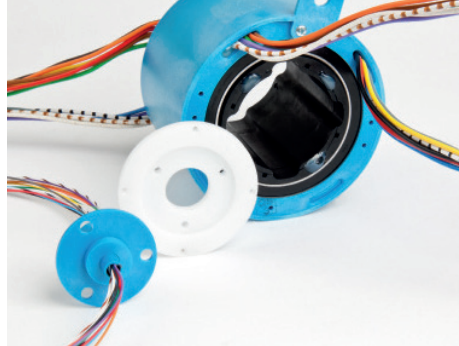
SC104-A01



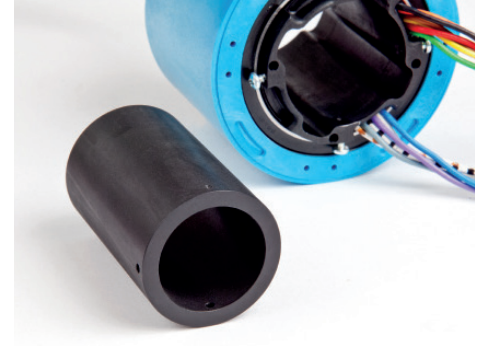
ACCESSORIES ON REQUEST

- 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⁻¹ (see data sheet SC020).

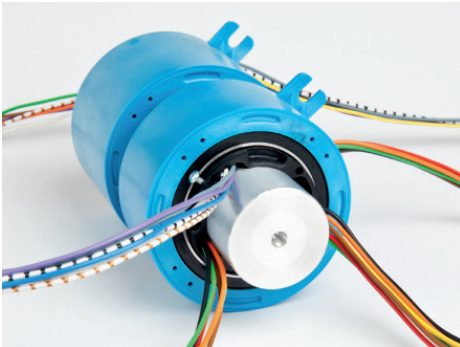


Combination with slip ring SC020*

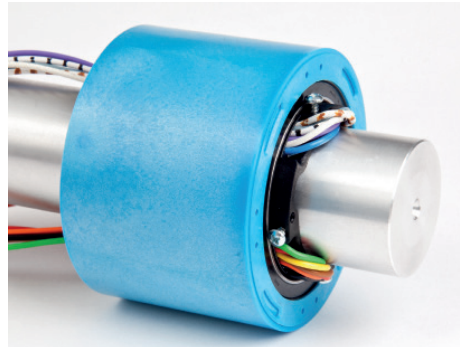


Shaft bushing (smaller inner diameter)

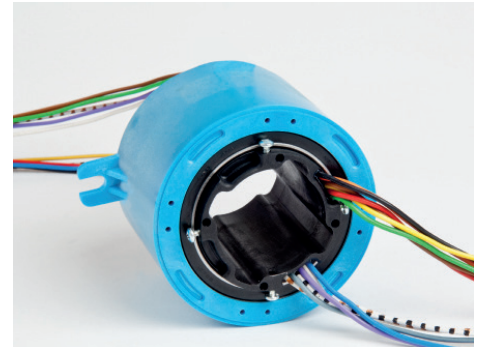
VARIANTS



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 08/2019

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