

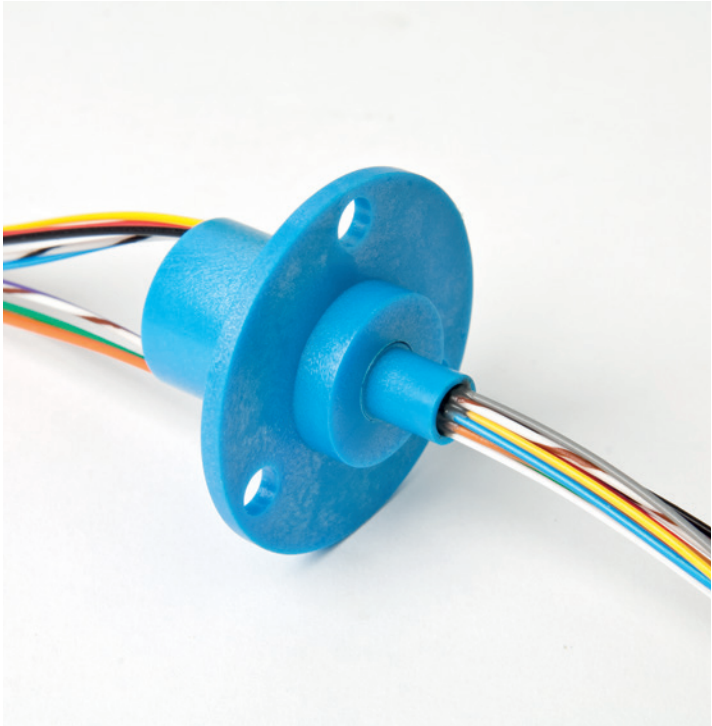


FACTS

- Outer diameter: max. 20 mm / 22 mm
- Inner diameter: max. 3 mm
- Fieldbusses
- 12G-SDI partly based on SMPTE ST 2082-10
- Fast Ethernet (certified to 100-BaseT Cat.5e & Cat.6)
- Gigabit Ethernet (certified to 1000-BaseT CAT5e)
- 10G Ethernet (certified to 10G-BaseT CAT5e)

APPLICATION EXAMPLES

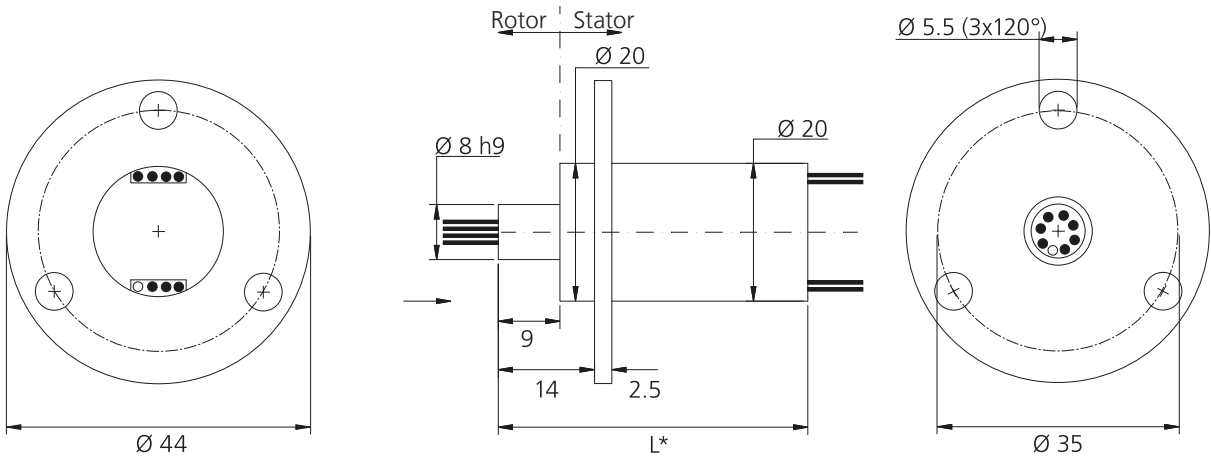
- Access System • Airplane Cabin Attention System • Drain Inspection
- Metrology System • Packaging Machine • Robotic • Support Arm Lamp • Surveillance Camera • Video System / CCTV



DATA

Number of rings:	max. 36	Rotation speed:	max. 250 rpm
Current per ring:	rated current 1 A (max. 2 A) with 2 combined rings 2 A (max. 4 A)	Protection class:	IP51
Voltage:	max. 48 V _{DC} (higher voltages to be inquired)	Operating temperature:	-20 °C ... +80 °C
Dielectric strength:	500 V _{AC}	Electrical connection:	300 / 600 / 1000 mm flying leads AWG 26 (36 ring version in AWG 28)
Insulation resistance:	500 MΩ at 500 V _{DC}	Housing material:	Fibre-reinforced polycarbonate / Aluminium

DESIGN EXAMPLE



Number of rings	6	12	18	24	36
L* (mm)	27	36	45	54	72



SLIP RING

SC020

LTN

Stated values are standard. Other configurations are available on request.
Subject to change without prior notice. Issued 12/2021

LTN Servotechnik GmbH
Georg-Hardt-Straße 4
83624 Otterfing, Germany
Tel: +49 (0)8024 6080-0
Fax: +49 (0)8024 6080-1000
ltn@ltn.de
www.ltn-servotechnik.com