

Transmission Technology

Slip rings

IST-SR060



The SR060 is a compact, economical slip ring for up to 3 power and 2 signal transmissions from a stationary to a rotating platform.

The transmission between the stator and rotor units occurs extremely reliably via sliding contacts.

Compact

- Dimensions 60 x 98 mm
- Can be used as a pair starting from just 60 mm shaft distance of the sealing rollers
- Various component configurations for the transmission paths, max. 3 x power and 2 x signal transmission

Efficient

- Economical – thanks to minimization of individual components, favourable mounting and component part design to suit
- Fully encapsulated in high-grade glass reinforced plastic housing shells
- Ideally suited for the heating of sealing drums (rollers) in packaging machines

Application areas for Slip Rings

- Packaging machines
- Textile machines
- Robots and handling equipment
- Cranes
- Pipeline inspection
- Video surveillance equipment
- Fairground rides
- Bottling plants
- Rotary tables

Order code

IST - SR060 - XX - X - X - V01

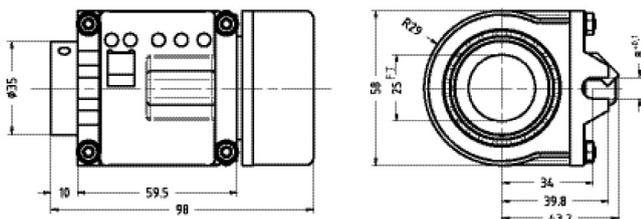
- ① Hollow shaft diameter
18 = ø 18 mm
20 = ø 20 mm
24 = ø 24 mm
25 = ø 25 mm (other diameters on request)
- ② Number of signal transmission paths (max. 2)
- ③ Number of power transmission paths (max. 3)
- ④ Version number V01
Standard

Technical Data (standard version):

Hollow shaft diameter	up to max. ø 25 mm
Current loading	max. 16 A (at 240 V AC)
Voltage/current loading power channel	240 V AC/DC, 16 A
Voltage/current loading signal/data channel	48 V AC/DC, 2 A
Contact resistance signal channel	< 0.1 Ohm
Contact resistance power channel	< 1 Ohm
Insulation resistance at 500 V DC	10 ⁹ MOhm

Electric strength	1000 V eff. (60 sec.)
Speed	max. 500 min ⁻¹
Operating temperature	-30 ° ... 80 °C
Protection rating	IP 50
Service life	> 500 Mio. revolutions
Maintenance cycles	approx. 50 Mio. revolutions
Standards	VDE 0110 and VDE 0295/6.92

Dimensions



Easily accessible connections:

