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Connection Technology

Slip rings

IST-SR060



In general slip rings are used to transmit power, signals or data, pneumatic and hydraulic, from a stationary to a rotating platform.

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

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

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 load 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 (CCTV)
- · Fairground rides
- · Bottling plants
- · Rotary tables

Order code	IST	- SR060 Type	-	XX	-	Χ	- >	(-	- V0	1
for standard versions		Туре	L	a		0		•	0	

Hollow shaft diameter

18 = ø 18 mm

 $20 = \emptyset \ 20 \ mm$

22 = ø 22 mm

24 = ø 24 mm

 $25 = \emptyset 25 \text{ mm}$ (other diameters on reques)

Number of signal transmission paths (max. 2)

Number of load transmission paths

Version number V01 Standard

(max. 3)

Accessories

Maintenance set

comprises brush and contact oil for signal contacts

IST-MS-01

Easily accessible connections



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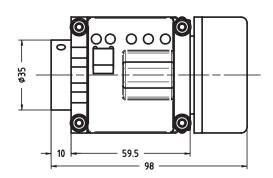
Connection Technology

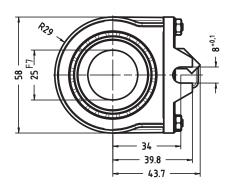
Slip rings IST-SR060

Technical Data (standard version)						
Hollow shaft diameter	up to max. ø 25 mm					
Voltage/current loading						
load channels	240 V AC/DC, max. 16 A					
signal channels	48 V AC/DC, max. 2 A					
Contact resistance						
load channel	≤ 1 0hm					
signal channel	≤ 0,1 0hm					
Insulation resistance	103 Ohm (at 500 V DC)					
Dielectric strength	1000 V eff. (60 sec.)					
Speed	max. 500 min ⁻¹					
Operating temperature	0° 75°C					
Protection	IP 50					
Service life	typ. 500 Mio. revolutions					
	(depends on the application conditions)					
Maintenance cycles	after max. 50 Mio. revolutions					
Standards	VDE 0110 and VDE 0295/6.92					

Dimensions

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