

Slip rings IST-SR060

Description:

The SR060 is a compact, economical slip ring for up to 3 load 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.

Advantages and benefits:

- Various component configurations for the transmission paths, max. 3 x load and 2 x signal transmission
- Fully encapsulated in high-grade glass reinforced plastic housing shells
- Ideally suited for the heating of sealing drums (rollers) in packaging machines
- Can be used as a pair starting from just 60 mm shaft distance of the sealing rollers
- Economical thanks to minimization of individual components, advantages in mounting and component part design to suit



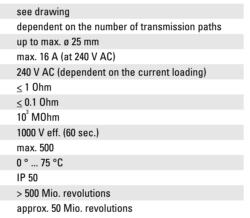
Application areas for Slip Rings:

- Packaging machines
- Textile machines
- Robots and handling
- equipment
- Cranes
- Pipeline inspection systems
- Video surveillance (CCTV)
- equipment • Fairground rides
- Bottling plants
- Rotary tables

Technical Data (standard version):

Dimensions:
Overall length:
Hollow shaft diameter:
Current loading:
Voltage/current loading:
Contact resistance load channel:
Contact resistance signal channel:
Insulation resistance at 500 V DC:
Dielectric strength:
Speed:
Operating temperature:
Protection rating:
Service life:
Maintenance cycles:

Dimensions: Example Type IST-SR060

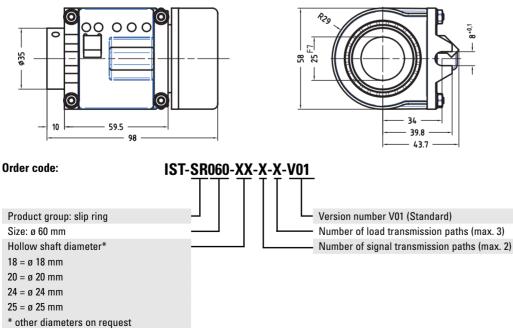


Fully encapsulated housing:



Easily accessible connections:





New for 2008

Slip rings For the rotary transmission of load current, signals, pneumatics and hydraulics



Slip rings IST-SR085

Description:

In general slip rings are used to transmit power, signal or data from a stationary to a rotating platform. The transmission between the stator and rotor takes place via sliding contacts and is extremely reliable. The construction is modular and offers the greatest flexibility in a variety of applications.

Advantages and benefits:

- · Rugged design for industrial use
- Modular system construction, load and signal channels can be combined selectively
- · GFPC housing (glass-reinforced polycarbonate) 30% glass fibre content
- Long service life and long maintenance cycles
- Individually replaceable brush rings
- Customised versions easily available

1 Copper graphite for high abrasion resistance 2 Platinum/Gold alloy (50% Gold content) 3 Separate signal channels with contact guide

- Separate signal channels
- Fieldbus signals such as Profibus, CANopen etc. up to 12 MB



Application areas for Slip Rings:

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

Safety-Trans[™]-Design:

- Two-cavity system for load and signal transmission
- · Labyrinth seal

Stator ring with pick-

off spring for signal

currents

• High vibration resistance

Practical maintenance window:



Secure connections:

3

Insulator with slip ring

for signal currents.



Easily accessible connections:



Technical Data (standard version):

Stator ring with pick-

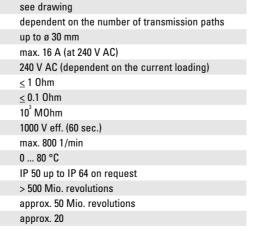
off spring for load

currents

Insulator with slip ring

for load currents.

Dimensions:
Overall length:
Bore diameter:
Current loading:
Voltage/current loading:
Contact resistance load channel:
Contact resistance signal channel:
Insulation resistance at 500 V DC:
Dielectric strength:
Speed:
Operating temperature:
Protection rating:
Service life:
Maintenance cycles:
Number of rings:



Modular construction system:

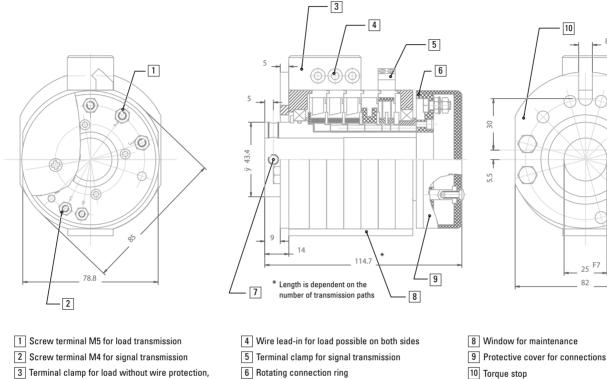


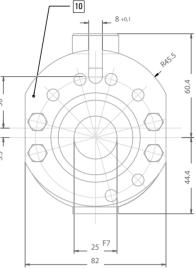
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Slip rings IST-SR085

Dimensions:

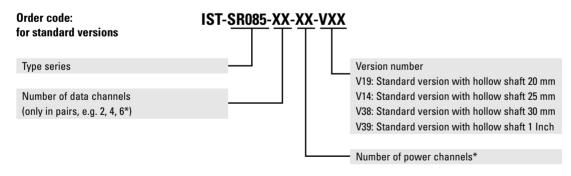
Example type IST-SR085-2-3-V14





with shock-hazard touch protection

Standard version: Protection rating IP 50, Signal rings (if present) on the connection side for horizontal mounting and mounting from underneath, terminal connections, for tolerances see dimensional drawing



7 4 x socket set screw DIN 914 M6x10

Accessories: Maintenance set (comprises brush and contact oil for signal contacts) IST-MS-01

* 20 combination max. , for example 4 data channels and 16 power channels

Options on request:

- Pneumatics, hydraulics transmission
- Current 40 A
- Voltage 400 V AC
- Other mounting positions
- Higher protection rating
- Mounting from above
- Load rings 400 V/16 A
- Load rings 240 V AC/25 A