

TRANSMISSION OF POWER, SIGNALS, AND DATA

SR060E slip ring



The flow pack specialist Compact design

3 load and 2 signal paths
Hollow shaft up to 25 mm

Maintenance cycles <= 500 million / U



Now with connector technology

Pre-wired connection cap with
standard plug-in connectors
3 load and 2 signal paths
Hollow shaft up to 25 mm



The Flow-Pack specialist in UL version

Compact design
3 load and 2 signal paths
Hollow shaft up to 25 mm

Maintenance cycles <= 500 million / U

Mechanical

Dimension:
60mm

Mounting type:

20 mm Hollow shaft, through
22 mm Hollow shaft, through
24 mm Hollow shaft, through
25 mm Hollow shaft, through

Working temperature:

0 °C ... +75 °C

Protection level:

IP64

Rotational speed:

500 min-1

Service life:

500 million revolutions

Maintenance cycles:

100 million revolutions

Load current transmission:

16 A, 240 V AC

20 A, 240 V AC/DC

UL: 16 A, 240 V AC

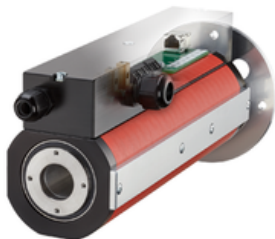
SR085 slip ring- Signals or Data, Pneumatics & Hydraulics



Modular and flexible

Up to 20 channels (signal/load)
Electrical load up to 25 A

30 mm hollow shaft or flange mounting
Maintenance cycles <= 500 million / U



For Industry 4.0 / IIoT concepts: Standard via a CAT5e cable with RJ45 plug connection

Reliable transmission of loads up
to 25 A.

Transmission of Industrial
Ethernet up to 100 Mbit/s.

Connection types Cable
Connectors



Contactless signal transmission

Inductive transmission of max.
3PT100 signals

Can be combined with 25 A
electrical load

Modular design

Maintenance cycles <= 750
million / U

Mechanical

Dimension:
85mm

Mounting type:

20 mm Hollow shaft, through
22 mm Hollow shaft, through
25 mm Hollow shaft, through
30 mm Hollow shaft, through

Working temperature:

-35 °C ... +80 °C

Protection level:

IP64

Rotational speed:

800 min-1

Service life:

500 million revolutions

Maintenance cycles:

100 million revolutions

Load current transmission:

16 A, 240 V AC

10 A, 400 V AC/DC

20 A, 400 V AC/DC

25 A, 240 V AC/DC

CUSTOMIZED SOLUTIONS - TRANSMIT POWER, SIGNALS OR DATA, PNEUMATIC AND HYDRAULIC

SR120 SLIP RING



INDUSTRIAL ETHERNET

FIELD BUS OR ETHERNET UP TO 100 MBIT/S.

PROTECTION LEVEL IP64

ROTATIONAL SPEED 300 MIN-1

MAINTENANCE CYCLES 100 MILLION REVOLUTIONS

WORKING TEMPERATURE:

-35 °C ... +85 °C

LOAD CURRENT TRANSMISSION:

16 A, 240 V AC

10 A, 400 V AC/DC

20 A, 400 V AC/DC

25 A, 240 V AC/DC

SR160 SLIP RING



THE ALL-ROUNDER

ETHERNET TRANSFER UP TO 1 GBPS

CAN BE COMBINED WITH LOAD

TRANSMISSION UP TO 50 A

FLEXIBLE CONFIGURATION

PROTECTION LEVEL IP64

ROTATIONAL SPEED 150 MIN-1

MAINTENANCE CYCLES 100 MILLION

REVOLUTIONS

WORKING TEMPERATURE:

-35 °C ... +85 °C

LOAD CURRENT TRANSMISSION:

16 A, 240 V AC

10 A, 400 V AC/DC

20 A, 400 V AC/DC

25 A, 240 V AC/DC

SR250 SLIP RING



POWERFUL

SLIP RING FOR 80 A OR MORE

ETHERNET TRANSFER UP TO 1 GBPS

CAN BE COMBINED WITH LOAD

TRANSMISSION UP TO 120 A

FLEXIBLE CONFIGURATION

PROTECTION LEVEL IP67

ROTATIONAL SPEED 150 MIN-1

MAINTENANCE CYCLES 100 MILLION

REVOLUTIONS

WORKING TEMPERATURE:

-35 °C ... +85 °C

LOAD CURRENT TRANSMISSION:

80 A, 500 V AC/DC

FIELD BUS

INDUSTRIAL ETHERNET

SR160 SLIP RING



COMPACT SOLUTION PANCAKE SLIP RING

UP TO 20 CHANNELS FOR FIELD BUS /
INDUSTRIAL ETHERNET, SIGNAL AND
LOAD TRANSMISSION (UP TO 5 A / 60
VAC, 48 VDC)

DIAMETER 160 MM - INSTALLATION

DEPTHS STARTING AT 10 MM

PROTECTION LEVEL IP65

WORKING TEMPERATURE FROM -40°C ...
+75°C

LOAD TRANSMISSION UP TO 5 A / 60
VAC, 48 VDC

INSTALLATION DEPTH FROM 10 MM AT Ø
160 MM

SUITABLE FOR END-OF-ARM-TOOLING