

## SRP040 – 40 mm through-bore

Slip rings can be used in any electromechanical system requiring unrestrained, continuous rotation, while transmitting power and/or data from a stationary to a rotating structure.

A slip ring is sometimes referred to as a rotary electrical interface, collector, swivel or rotary joint.



The SRH Series uses multiple contact point technology, allowing for low contact electric resistance between brushes and ring. This reduces electrical noise and the slip ring gets a longer lifetime.

No lubrication required.

### Typical applications

- Cable reels
- Medical equipment
- Packaging machines

### Quick facts

- Compact size
- Quick delivery
- Low cost
- High reliability and duration
- Low friction torque
- Smooth rotation
- In compliance with CE and ROHS standards

<b>Number of circuits</b>	20
<b>Voltage</b>	600 VAC
<b>Cables/Current rating</b>	tin plated, PTFE insulation / 15 A: AWG14 5 A: AWG22
<b>Dielectric strength</b>	1000 VAC at 60 Hz
<b>Insulation resistance</b>	500 VAC at 60 Hz
<b>Insulation resistance</b>	> 1000 MΩ / 500 Vcc
<b>Nominal speed</b>	100 rpm
<b>Temperature</b>	-20°C to +80°C
<b>Rating life</b>	10 <sup>8</sup> revolutions (depending on speed and on environmental conditions)
<b>Contact</b>	Gold on Gold / Silver on Silver
<b>Protection</b>	IP51 or high or request

We can also offer custom designs. As a customer you have the possibility to specify the slip ring to comply with your needs. We can also offer hybrid units, for example a combined slip ring and fiber optic rotary joint, integrated into one small housing.

### Other options we can offer:

- Inclusion of coax and miniature data bus cables
- Harnessing of lead wires into chosen crimps and connectors

SRP040

Outline dimension

