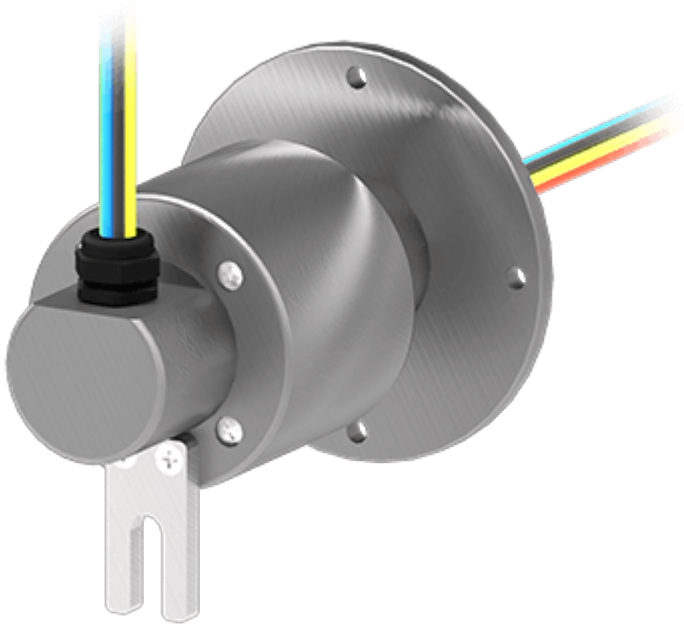


Slip Ring | 30 circuits | SVTS D 01-U-A-00/30



Slip ring for transmission of electrical power and/or electrical signals for demanding conditions.



Feature

	SVTS D 01-U-A-00/30
Circuits	30 x 5A
Outside Diameter	75.00 mm mm

SVTS D 01-U-A-00/30

Overall Length (L) 119.00 mm mm

Protection rating IP 65

Data Transfert $\leq 100\text{Mbit/s}$

Mounting Flange / Capsule



Mechanical features

Nominal speed 250-400 rpm

Temperature range -20°C to $+80^{\circ}\text{C}$ (-40°C as option)

Contact gold-gold (alloy)

Bearings Miniature high-precision stainless steel ball bearings

Connector -

Mounting Stainless steel



Electrical features

Voltage 240 VDC/VAC

Cables Silver plated / PTFE insulated / colour coded

Cables length 250 mm standard (other length on request)

Dielectric voltage strength 500VAC @ 60Hz @ 60 sec

Insulation resistance $>500\text{MOhm}/500\text{VDC}$

Dynamic contact resistance

10mOhm @ 6VDC and 500mA (@ 5rpm)

Expected lifetime

10^7 revolutions (depending on speed, environmental conditions and size)

Notice : The provided technical data are the higher limits recommended in static condition. To obtain the correct dimensioning of the product, it is necessary to hold account of all the applicable dynamic forces, including the inertia of the manipulator, the configuration of the tools and the external forces applied.



Advantages

- High protection degree
- High bit rate up to 100 Mbits/s
- Rugged for harsh environment
- Low friction torque
- High lifetime and reliability
- Compliant to CE and ROHS



Benefits

- Robust mechanical construction for long lifetime
- Transmission of electric power/signals and fieldbuses in one unit
- Designed for low maintenance

Customisations

- Cables
- Materials

- Mechanical design
- Flange



p e s

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expertise in connectivity