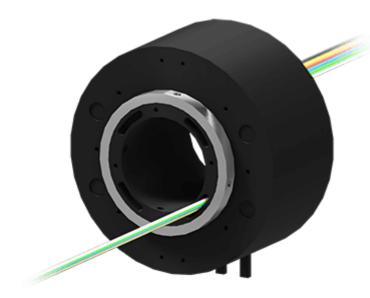
variables/V-color

## Slip Ring | 8 circuits | SVTS C 01-S-A-00/08



Slip ring designed for power and controlcommand signals with thru-bore for shaft mounting or other applications. High data rate up to 100 Mbits/s.



SVTS C 01-S-A-00/08

Circuits

8 x 2A

#### SVTS C 01-S-A-00/08

Outside Diameter17.00 mm mmInside Diameter3.00 mm mmOverall Length (L)21.00 mm mmProtection ratingIP 51Data Transfert<=100Mbit/s</th>MountingThru-bore 3mm



### **Mechanical features**

Nominal speed	0-250 rpm
Temperature range	$-20^{\circ}$ C to $+80^{\circ}$ C ( $-40^{\circ}$ C as option)
Contact	gold-gold (alloy)
Bearings	Miniature high-precision stainless steel ball bearings
Connector	-
Mounting	ABS



#### **Electrical features**

Voltage
Cables
Cables length

240 VDC/VAC Silver plated / PTFE insulated / colour coded 250 mm standard (other length on request)

Dielectric voltage strength	500VAC @ 60Hz @ 60 sec
Insulation resistance	>500MOhm/500VDC
Dynamic contact resistance	10mOhm @ 6VDC and 500mA (@ 5rpm)
Expected lifetime	10 <sup>7</sup> revolutions (depending on speed, environmetal 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.





- Ideal for electrical power and signal transmission
- Through hole 3 t mm
- High data rate
- Low friction torque
- High lifetime and reliability
- Compliant to CE and ROHS

- Transmission of electric power/signals and fieldbuses in one unit
- Mountable on the shaft mitigating the need of interface parts
- Combinable with fluidic rotary joints and FORJ
- Cost-effective

#### Customisations

- Cables
- Materials
- Mechanical design
- Flange

product engineering services

# expertise in connectivity