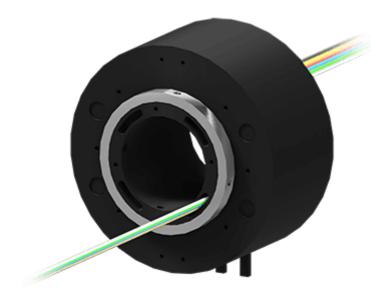
variables/V-color

Slip Ring | 12 circuits | SVTS C 02-S-A-00/12



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 02-S-A-00/12

Circuits

12 x 2A

SVTS C 02-S-A-00/12

Outside Diameter22.00 mm mmInside Diameter4.50 mm mmOverall Length (L)26.60 mm mmProtection ratingIP 51Data Transfert<=100Mbit/s</th>MountingThru-bore 4,5mm



Mechanical features

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



Electrical features

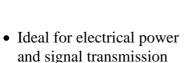
| Voltage |
|---------------|
| Cables |
| Cables length |

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 ⁷ 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.





- Through hole 4.5 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

Benefits

- 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