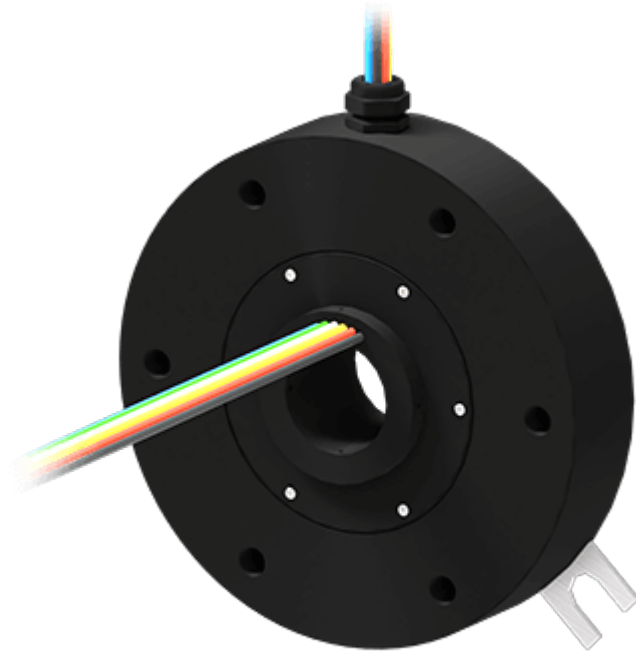


variables/V-color

Slip Ring | 20 circuits | SVTS F 01-S-A-03/17



This Slip ring is designed for signal and power transmission where height is limited.



Feature

Circuits

SVTS F 01-S-A-03/17

17 x 5A, 3 x 10A

SVTS F 01-S-A-03/17

Outside Diameter	180.00 mm mm
Inside Diameter	40.00 mm mm
Overall Length (L)	40.00 mm mm
Protection rating	IP 51
Data Transfert	<=100Mbit/s
Mounting	Thru-bore 40mm



Mechanical features

Nominal speed	0-250 rpm
Temperature range	-20°C to +80°C (-40°C as option)
Contact	gold-gold (alloy)
Bearings	Miniature high-precision stainless steel ball bearings
Connector	-
Mounting	Al



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	>500MOhm/500VDC
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



Benefits

- Through hole 25-38-50 or 60 mm
- Power circuits
- Low friction torque
- High lifetime and reliability
- Compliant to CE and ROHS
- Flat design allowing to keep small machinery dimensions
- Low maintenance
- Good quality/price ratio

Customisations

- Cables

- Materials
- Mechanical design
- Flange



expertise in connectivity