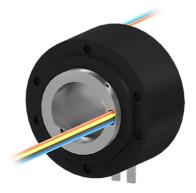
## SLIP RING | 54 CIRCUITS | SVTS C 09-S-A-42/12



Slip ring for transmission of electrical power and/or electrical signals with through hole for shaft or rotary union.



	SVTS C 09-S-A-42/12
Circuits	12 x 5A, 42 x 20A
Outside Diameter	180.00 mm mm
Inside Diameter	80.00 mm mm
Overall Length (L)	287.00 mm mm
Protection rating	IP 51
Data Transfert	<=100Mbit/s
Mounting	Thru-bore 80mm

## 🔁 Mechanical features

Nominal speed	>400 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	ABS



## **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 <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	Transmission of electric power/signals and fieldbuses in one unit
Through hole 80 mm	Mountable on the shaft mitigating the need of
High data rate	interface parts
Low friction torque	Combinable with fluidic rotary joints and FORJ
High lifetime and reliability	Cost-effective

Customisations



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