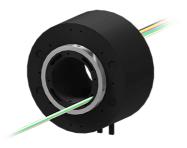
SLIP RING | 24 CIRCUITS | SVTS C 05-X-A-12/12-0P2



Slip ring for transmission of electrical power and/or electrical signals with through hole for shaft or rotary union. E1M/E1G option comes with an Ethernet channel (100BASE-TX or 1000BASE-T) over a Cat5e cable and 0P1/0P2 option offers an integrated pneumatic rotary joints and 6 to 24 power circuits.

🙆 Feature

	SVTS C 05-X-A-12/12-0P2
Circuits	12 x 1A, 12 x 2A
Outside Diameter	99.00 mm mm
Inside Diameter	10.00 mm mm
Overall Length (L)	119.00 mm mm
Protection rating	IP 65
Data Transfert	<=100Mbit/s
Mounting	Thru-bore 10mm

🔁 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 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.





Ideal for electrical power and signal transmission	Transmission of electric power/signals and fieldbuses in one unit
Through hole 38 mm	Mountable directly on the shaft avoiding other mounting parts
Integrated specific network Cat5e cable	
Integrated pneumatic rotary joint	Available options that mitigate integration costs
Low friction torque	Combinable with fluidic rotary joints and FORJ
High lifetime and reliability	Good quality/price ratio
Compliant to CE and ROHS	

Customisations

- Cables
- Materials

- Mechanical design
- Flange



expertise in connectivity for innovative solutions

www.pes-sa.com