variables/V-color

Slip Ring | 18 circuits | SVTS A 06-S-X-00/18



This series can transfer up to 12 electrical signals besides one RF coaxial channel from a stationary to a rotating structure. Said channel can transfer up to 3 Gbps and 3 GHz.



SVTS A 06-S-X-00/18

Circuits

18 x 2A

SVTS A 06-S-X-00/18

Outside Diameter22.00 mm mmOverall Length (L)38.00 mm mmProtection ratingIP 51Data TransfertRFMountingFlange / Capsule



Mechanical features

0-250 rpm
-20° C to $+80^{\circ}$ C (-40° C as option)
gold-gold (alloy)
Miniature high-precision stainless steel ball bearings
-
ABS



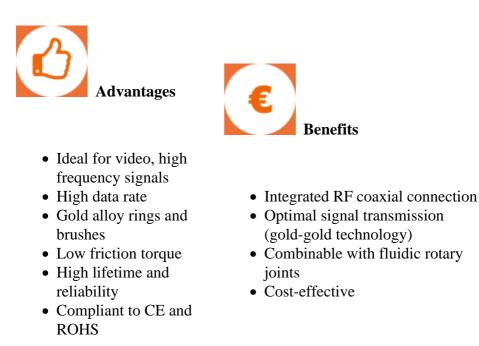
Electrical features

Voltage
Cables
Cables length
Dielectric voltage
strength

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



Customisations

• Cables

- Materials
- Mechanical design
- Flange



expertise in connectivity