

SPM Slip Rings



Features

- ◎ Special design possible
- ◎ Compact design with a maximum outer diameter of 12 mm
- ◎ Compatible with HD-SDI (SMPTE 292M) and 3G-SDI (SMPTE 424M) video signals, ensuring stable high-frequency data transfer.
- ◎ Enable integration into space-constrained systems

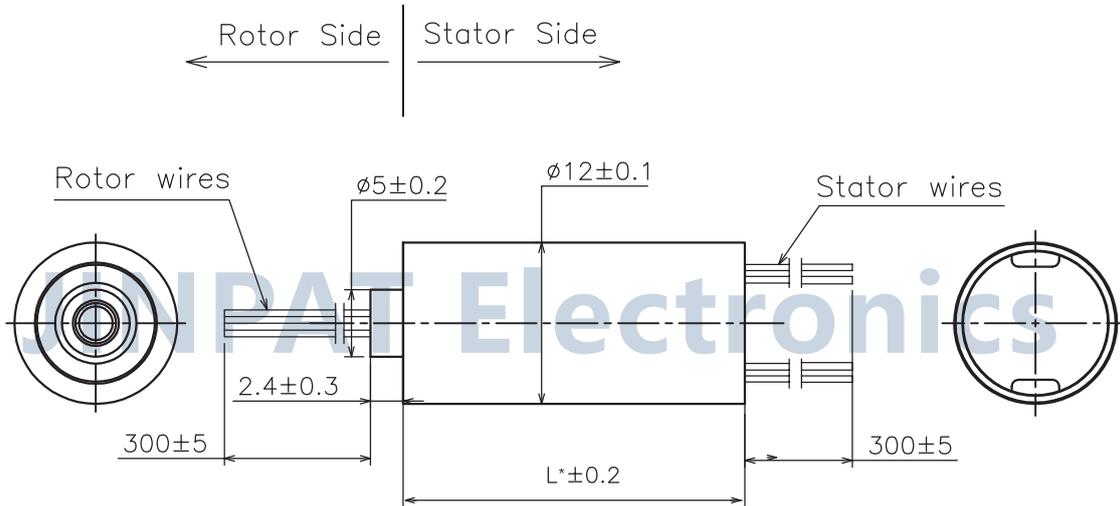
Typical Applications

- Drain Inspection
- Metrology System
- Robotic
- Support Arm Lamp
- Video System / CCTV
- Surveillance Camera

Data

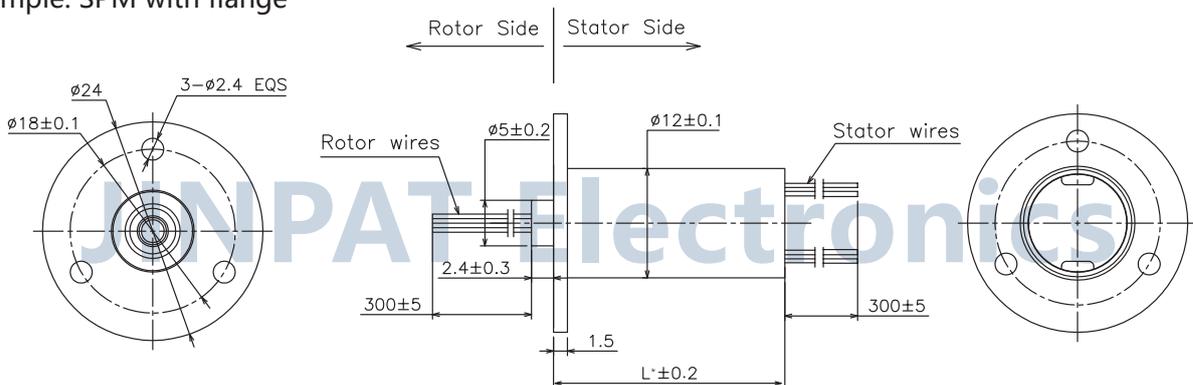
- Number of rings: 4/6/max. 12
- Current per ring: 2A
- Voltage: 0~110 V AC/DC
- Dielectric strength: 300 VAC @ 50 Hz
- Insulation resistance: 500 MΩ at 300 VDC
- Rotation speed: max. 300 rpm
- Protection class: IP40
- Operating temperature: -20 °C ~ +80 °C (-40 °F ~ +150 °F)
- Electrical connection: 300 mm flying leads; AWG 28
- Housing material: Engineering plastics/Aluminum Alloy/Stainless Steel

Design Example



Numbe of rings	4	6	12
L*(mm)	15.6	18.2	25.2

Design example: SPM with flange



Options

- ☉ Flange with 3 bores dia. 3.3 mm on b.c.d. of 18.5 mm different axial flange position on request
- ☉ Other ring quantity on request

Numbe of rings	4	6	12
L*(mm)	15.6	18.2	25.2