SNM022A-06 - Capsule Slip Rings

SNM022A-06

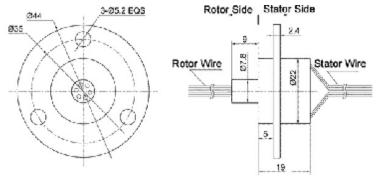
Body Diameter: 22.00mm, Length: 19mm

6 circuits*2A version

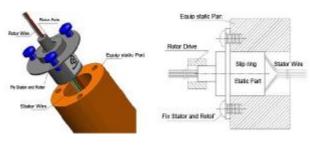
The SNM012A-06, with 6 wires and compact 22.00mm body diameter, which we call our "medium",uses SenRing's fiber brush technology which offers several advantages over conventional slip ring contacts including multiple points of contact per brush bundle, low contact force per fiber and low contact wear rates.



SNM022A-06 Dimensions



Flange mounted:



SNM022A-06 Specifications

| Contact Material | Gold alloy brush,Gold plated rings | | | |
|-----------------------|---|--|--|--|
| Current Rating | 2A, per ring, maximum | | | |
| Number of Circuits | 6 | | | |
| Operating Speed | 250 rpm* continuous | | | |
| Housing Material | Engineering Plastics | | | |
| Lead Wire | UL Teflon® Awg28,color-coded, silver-plated | | | |
| Lead Lengths | 250mm | | | |
| Voltage | 210 VDC / 240 VAC | | | |
| Operating Temp. | -40°C to 80°C | | | |
| Torque | Approx. ≤0.3 g·m (for reference) | | | |
| Dielectric Strength | ≥600V@50Hz between each circuit | | | |
| Insulation Resistance | 600MΩ@ 300VDC | | | |
| Noise | 20 milliohms maximum tested @ 6 VDC, 40 milliamps when running @ 5 - 15 rpm | | | |
| Resistance to pull | Radial 2KG,Axial 0.5KG | | | |
| Protection | IP51 | | | |

*Please note that the operational life of the unit is dependent upon rotational speed, environment

Features

- Gold-on-gold contacts
- Compatible with data bus protocols
- Transfers analog and digital signals, Ethernet, USB, RS, Canbus, Fire wire signal.
- Speeds up to 250 rpm continuous
- Precision ball bearings meet or exceed life requirements for most commercial applications
- Smooth running, Low torque, Compact dimemsions

Type Application

- CCTV pan / tilt camera mounts | control equipment
- Electrical test equipment | Laboratory equipment
- Manufacturing and process | rotary index tables
- Medical equipment | Robotics
- Miniature cable reels

Lead Wire Color Code

| Circuit No. | 1 | 2 | 3 | 4 | 5 | 5 |
|-------------|-----|-------|-----|-----|-----|-------|
| Color | BLK | BROWN | RED | ORG | YEL | GREEN |