

SNM022A-06

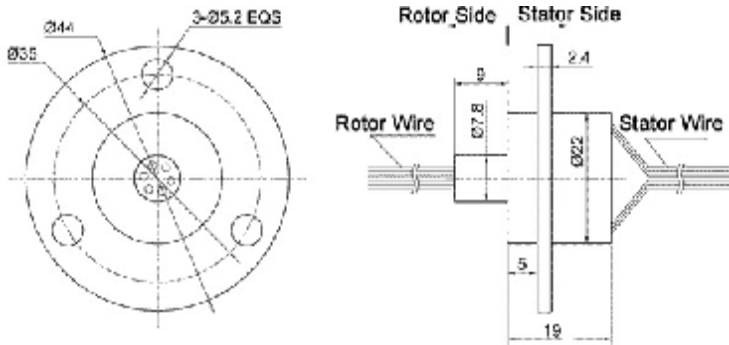
Body Diameter: 22.00mm , Length: 19mm

6 circuits*2A version

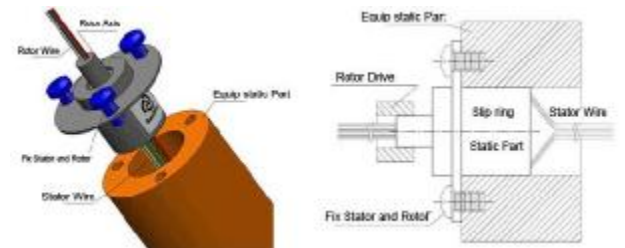
The SNM012A-06, with 6 wires and compact 22.00mm body diameter, which we call our "medium", uses SenRing's fiber brush technology which offers several advantages over conventional slip ring contacts including multiple points of contact per brush bundle, low contact force per fiber and low contact wear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

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 dimensions

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[SparkFun Electronics:](#)

[ROB-13064](#)