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# SENRING 森瑞普

Professional manufacturer of slip Ring&rotary joint

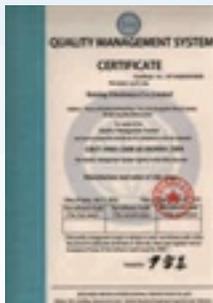


# Profile

Senring Electronics Co., Limited, is a worldwide designer, manufacturer of slip rings and rotary joints integrating research, testing, production and sales .With innovative technology, reliable products with long working life and excellent solutions, Senring obtains trusts from more and more customers all over the world.

Overall quality control system, strict management in designing, manufacturing and testing , and advanced devices& technology contribute to leading level of Senring products in slip ring industry. Depending on strong R&D ability and close cooperation with well-know enterprises & research institutes , Senring could not only provide standard industrial slip rings, but also customize different slip rings according to customer' s requirements :circuits from 1 to 600, current from milliamp to 800 Amp, rotating speed from 0 rpm to 12000rpm, and from electrical slip ring to fiber optic rotary joint.....

Factory View / Certificates

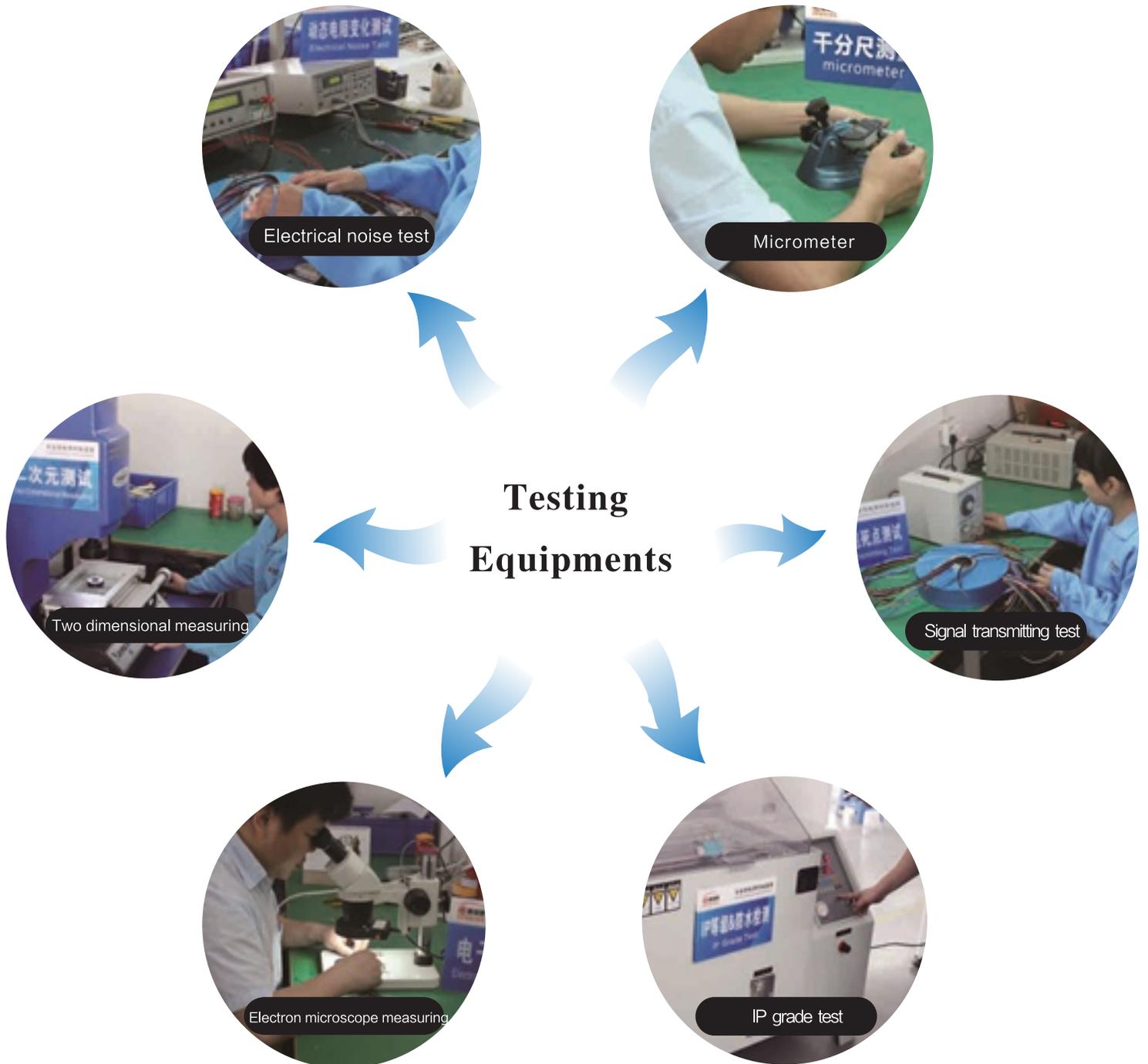


All Senring products are manufactured according to national standards, industrial standards and European standards, CE/ROHS compliant.

# SENRING LABORATORY TESTING EQUIPMENT

## Testing Equipments

Senring gives high priority to the quality, a full set of strict tests will be conducted for each product





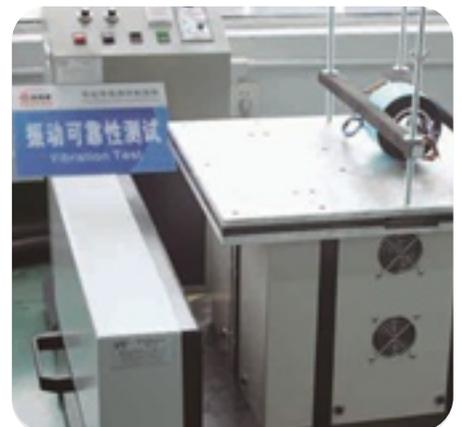
For ensure the quality , Senring brings in a full set of testing equipments to test each slip ring including Signal transmitting test,Life test,Vibration test,Low-high temperature test,Salt spray test,Hi-pot test, Torque test,IP grade test,Large current test,Vacuum test,Two dimensional measuring,Insulation resistance/Dielectric strength test, Electron microscope measuring, Contact resistance test....



Salt Spray Test



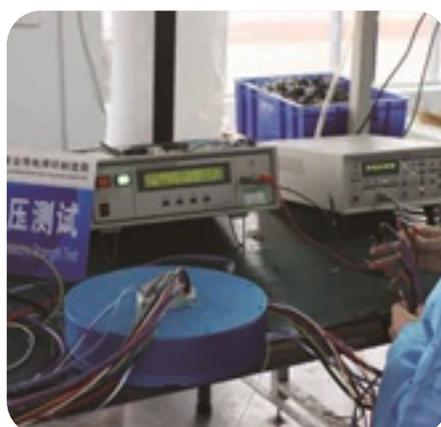
Low-high temperature test



Vibration test



Hi-pot test



Insulation resistance & Dielectric strength test



Contact resistance test

# PRODUCT APPLICATION

Senring slip rings could be applied to any devices where requires to transmit power and signals when 360 ° rotating, such as CCTV systems, medical equipment, robots, drones, laboratory equipment, mechanical arm, beer production equipment, rotating light box, dairy production equipment, helicopters, Speed dome Camera, radar, communications equipment, packaging machines, aviation equipment, hot rollers, tanks, molding machine, revolving door, winding machines, spiraling machine ,entertainment equipments, LED advertising lights, production lines, rotating silver-plating production line, surgical lights, children Intelligent toys, wind turbine .....



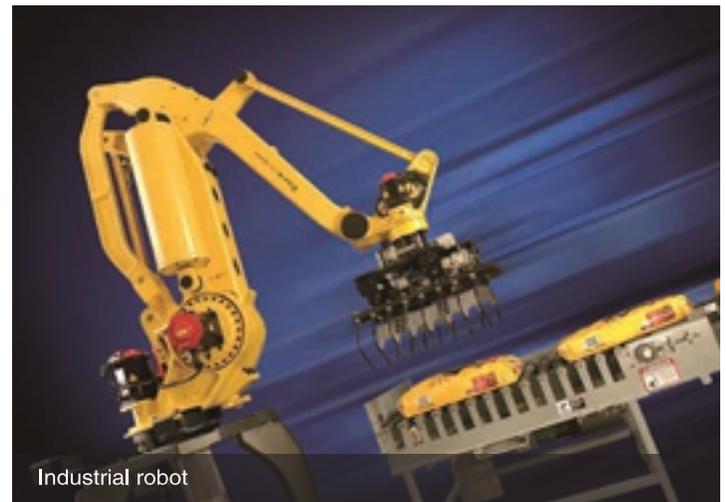
## Application in robot & automation equipment



Intelligent robot



Security equipment



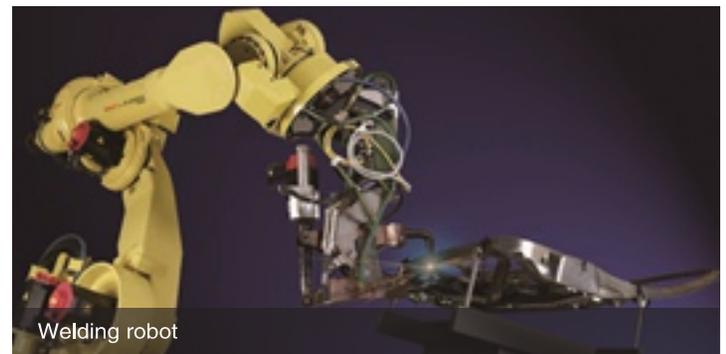
Industrial robot



Radar



Small wind power generator



Welding robot



Cleaning robot



Specialized robot



AGV intelligent handling robot

# Global Partners

Senring establishes good business relations with global companies such as Siemens, Huawei, Foxconn, BYD, Flextronics, Yaskawa, Raymarine, Fluke ....., providing them customized slip ring/rotary joint solutions as well as technical support.

## Corporations



**SIEMENS**



## Research Institutes & Universities



Tsinghua University



Chinese Academy Of Sciences



China Institute of Water Resources and Hydropower Research



BMSTU



Beijing Research Institute of Automation for Machinery Industry

## Military partners



China Aerospace Science & Industry Corporation



China Electronic Technology Corporation



China Shipbuilding Industry Corporation



China North Industries Group Corporation, Norinco Group



wzu (Poland)

# SNH series through hole slip ring



SNH through hole slip ring series are specially designed with a center hole routing hydraulic, pneumatic channel or driving shaft, advanced multi-point contact brush technology ensures reliable contact with low friction, through hole slip rings could be customized for through hole size from 5mm to 800mm and current from 2 Amps to 500 Amps, which meets customer' s different transmitting requirements for tiny voltage, high-frequency, EMF, thermocouple, computer signals, Strain gauge, Can-Bus, Profibus, RS422, RS485, PLC control, digital / analog video, 1000M Ethernet, sensor signal and power transmitting. Standard products, integrated structure, easy installation.

## Technical Data

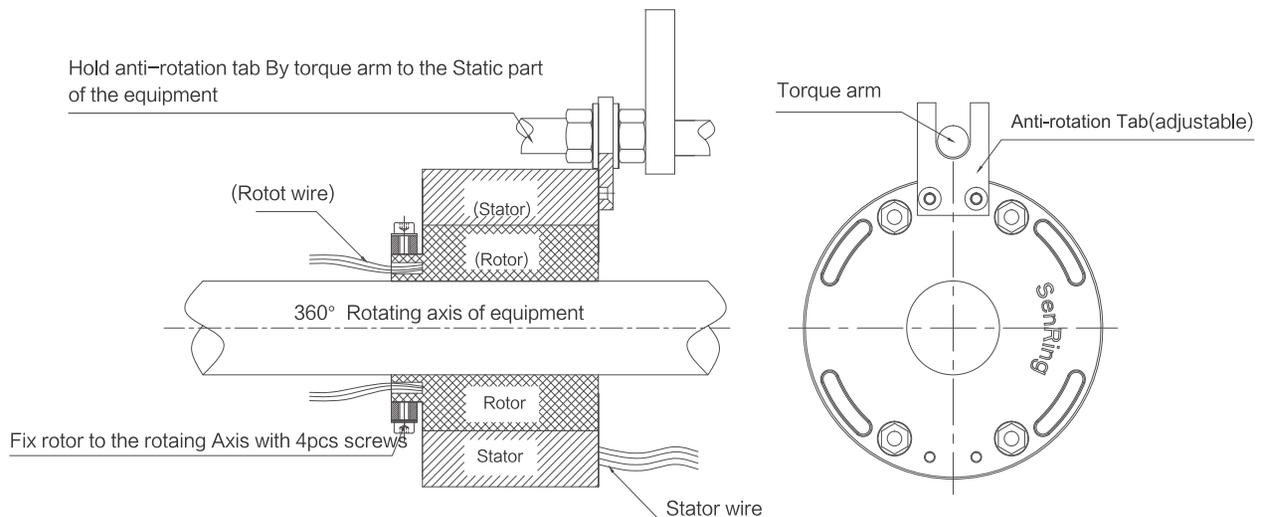
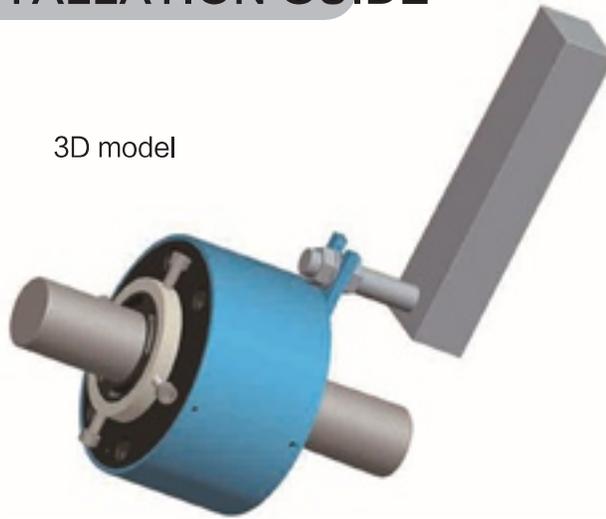
Housing material	AL alloy	Torsion	0.1N.m;+0.03N.m/6circuit
Working life	>80millions revolutions(depends on working speed, environment)	Contact material	precious metal: gold-gold
Electrical Noise	<10mΩ @6VDC,50mA,5RPM	Voltage	440VAC / 250VDC
Dielectric Strength	500VDC@50Hz,6s	Lead wire Spec	UL Teflon@Awg22( signal 5A) , Awg17(10A)
Insulation Resistance	500MΩ@500VDC,6s	Lead wire Length	300mm
Work Temperature	-20 ℃ ~ +80 ℃ (-5 ℉ ~ +175 ℉)	IP grade	IP51
Mechanical vibration	MIL-STD-810E	Work Humidity	10% ~ 85% RH
Material	RoHS compliant	CE certificated	YES

# INSTALLATION GUIDE

## Instructions

Since it is difficult to keep the rotor and stator concentric, suggest to fix the slip ring on the rotating shaft with four screws and insert the torque arm into the anti-rotation tab, do not force to fix anti-rotation tab which may cause damage and shorten working life

3D model



## How to Choose

### Standard Part No. Description

**SNH050-0610-12S**

SN: Senring Company code  
 H: Through hole slip ring  
 50: hole size 50mm  
 0610: 6circuits, 10A per circuit  
 12S: 12circuits signal, 2A per circuit

SNH012-0610 : through hole slip ring, hole size 12.7mm, OD 56mm, total 6circuits, 10A per circuit ;

SNH038-12S : through hole slip ring, hole size 38.1mm, OD 99mm, total 12circuits signal , 2A per circuit;

SNH050-0610-12S: through hole slip ring, hole size 50mm, OD 120mm, total 18circuits , 6circuits, 10A per circuit + 12circuits signal , 2A per

\*Remark: 10A circuits could be connected in parallel to be used as circuits no.\*10A , such as two paralleling 10A circuits could be used as one 20A circuit

<p><b>SNH012</b></p>	<p>hole size:12.7mm                      OD:56mm                      Circuits:1-36circuits optional                      Current per ring:5A or 10A optional                      Voltage:440VAC/250VDC                      Working speed:0-1000RPM                      Length" L"( mm) : 21.2+N(rings no.)</p>	<p>Technical drawing of SNH012 slip ring. It includes three views: rotor side, stator side, and anti-rotation tab (adjustable). The rotor side shows a central shaft with 4-M3 screws for fixation and rotor wires. The stator side shows stator wires. The anti-rotation tab view shows an adjustable tab. Dimensions include a hole size of 12.7mm, an outer diameter of 56mm, and a length of 21.2mm plus the number of rings (N).</p>
<p><b>SNH025</b></p>	<p>hole size: 25.4mm                      OD: 86mm                      Circuits: 1-48circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0-600RPM                      Length" L"( mm) : 24+N(rings no.)x4</p>	<p>Technical drawing of SNH025 slip ring. It includes three views: rotor side, stator side, and anti-rotation tab (adjustable). The rotor side shows a central shaft with 4-M4 screws for fixation and rotor wires. The stator side shows stator wires. The anti-rotation tab view shows an adjustable tab. Dimensions include a hole size of 25.4mm, an outer diameter of 86mm, and a length of 24mm plus 4 times the number of rings (N).</p>
<p><b>SNH030</b></p>	<p>hole size: 30mm                      OD: 99mm                      Circuits: 1-48circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0-600RPM                      Length" L"( mm) : 24+N(rings no.)x4</p>	<p>Technical drawing of SNH030 slip ring. It includes three views: rotor side, stator side, and anti-rotation tab (adjustable). The rotor side shows a central shaft with 4-M4 screws for fixation and rotor wires. The stator side shows stator wires. The anti-rotation tab view shows an adjustable tab. Dimensions include a hole size of 30mm, an outer diameter of 99mm, and a length of 24mm plus 4 times the number of rings (N).</p>
<p><b>SNH038</b></p>	<p>hole size: 38.1mm                      OD: 99mm                      Circuits: 1-48circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0-600RPM                      Length" L"( mm) : 24+N(rings no.)x4</p>	<p>Technical drawing of SNH038 slip ring. It includes three views: rotor side, stator side, and anti-rotation tab (adjustable). The rotor side shows a central shaft with 4-M4 screws for fixation and rotor wires. The stator side shows stator wires. The anti-rotation tab view shows an adjustable tab. Dimensions include a hole size of 38.1mm, an outer diameter of 99mm, and a length of 24mm plus 4 times the number of rings (N).</p>
<p><b>SNH050</b></p>	<p>hole size: 50mm                      OD: 119mm                      Circuits: 1-48circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0-300RPM</p>	<p>Technical drawing of SNH050 slip ring. It includes three views: rotor side, stator side, and anti-rotation tab (adjustable). The rotor side shows a central shaft with 4-M4 screws for fixation and rotor wires. The stator side shows stator wires. The anti-rotation tab view shows an adjustable tab. Dimensions include a hole size of 50mm, an outer diameter of 119mm, and a length of 24mm plus 4 times the number of rings (N).</p>

through hole slip ring

<p><b>SNH060</b></p>	<p>hole size: 60mm                      OD: 130mm                      Circuits: 1~72circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~300RPM</p>	<p>Technical drawing of SNH060 slip ring. Dimensions include: hole size 60mm (tolerance +0.2/-0.0), OD 130mm, rotor wire diameter 0.82mm, stator wire diameter 12.7mm, 4-M4 screws for shaft fixation, and 4-M3 screws for anti-rotation tabs (depth 8mm). Shaft length is L.</p>
<p><b>SNH070</b></p>	<p>hole size: 70mm                      OD: 140mm                      Circuits: 1~72circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~250RPM</p>	<p>Technical drawing of SNH070 slip ring. Dimensions include: hole size 70mm (tolerance +0.2/-0.0), OD 140mm, rotor wire diameter 0.92mm, stator wire diameter 12.7mm, 4-M4 screws for shaft fixation, and 4-M3 screws for anti-rotation tabs (depth 8mm). Shaft length is L.</p>
<p><b>SNH080</b></p>	<p>hole size: 80mm                      OD: 158mm                      Circuits: 1~72circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~250RPM</p>	<p>Technical drawing of SNH080 slip ring. Dimensions include: hole size 80mm (tolerance +0.2/-0.0), OD 158mm, rotor wire diameter 1.06mm, stator wire diameter 14mm, 4-M6 screws for shaft fixation, and 4-M5 screws for anti-rotation tabs (depth 10mm). Shaft length is L.</p>
<p><b>SNH090</b></p>	<p>hole size: 90mm                      OD: 185mm                      Circuits: 1~96circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~250RPM</p>	<p>Technical drawing of SNH090 slip ring. Dimensions include: hole size 90mm (tolerance +0.2/-0.0), OD 185mm, rotor wire diameter 1.30mm, stator wire diameter 14mm, 4-M6 screws for shaft fixation, and 4-M5 screws for anti-rotation tabs (depth 10mm). Shaft length is L.</p>
<p><b>SNH100</b></p>	<p>hole size: 100mm                      OD: 185mm                      Circuits: 1~96circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~250RPM                      Length" L"( mm) : 40+N(rings no. )</p>	<p>Technical drawing of SNH100 slip ring. Dimensions include: hole size 100mm (tolerance +0.2/-0.0), OD 185mm, rotor wire diameter 1.30mm, stator wire diameter 14mm, 4-M6 screws for shaft fixation, and 4-M5 screws for anti-rotation tabs (depth 10mm). Shaft length is L.</p>

<p><b>SNH120</b></p>	<p>Hole size: 120mm                      OD: 215mm                      Circuits: 1~120circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~200RPM</p>	<p>Technical drawing of SNH120 slip ring. Views include rotor side, stator side, and anti-rotation tab (adjustable). Dimensions: Hole size 120mm, OD 215mm. Rotor side features 4-M6 screws for fixing the rotating shaft. Stator side shows rotor wire and stator wire connections. Anti-rotation tab is adjustable. Other dimensions include 26, 12, 15, 5, 109.5, 130, 96, 14, and 4-M5 deep10.</p>
<p><b>SNH150</b></p>	<p>Hole size: 150mm                      OD: 248mm                      Circuits: 1~120circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~150RPM</p>	<p>Technical drawing of SNH150 slip ring. Views include rotor side, stator side, and anti-rotation tab (adjustable). Dimensions: Hole size 150mm, OD 248mm. Rotor side features 4-M8 screws for fixing the rotating shaft. Stator side shows rotor wire and stator wire connections. Anti-rotation tab is adjustable. Other dimensions include 26, 12, 16, 5, 128.5, 149, 115, 14, and 4-M5 deep10.</p>
<p><b>SNH180</b></p>	<p>Hole size: 180mm                      OD: 298mm                      Circuits: 1~120circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~150RPM</p>	<p>Technical drawing of SNH180 slip ring. Views include rotor side, stator side, and anti-rotation tab (adjustable). Dimensions: Hole size 180mm, OD 298mm. Rotor side features 4-M8 screws for fixing the rotating shaft. Stator side shows rotor wire and stator wire connections. Anti-rotation tab is adjustable. Other dimensions include 35, 15, 16, 6, 156, 184, 136.5, 20, and 4-M5 deep10.</p>
<p><b>SNH200</b></p>	<p>Hole size: 200mm                      OD: 320mm                      Circuits: 1~120circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~150RPM</p>	<p>Technical drawing of SNH200 slip ring. Views include rotor side, stator side, and anti-rotation tab (adjustable). Dimensions: Hole size 200mm, OD 320mm. Rotor side features 4-M8 screws for fixing the rotating shaft. Stator side shows rotor wire and stator wire connections. Anti-rotation tab is adjustable. Other dimensions include 35, 15, 16, 6, 164.5, 186.5, 145, 20, and 4-M5 deep10.</p>
<p><b>SNH250</b></p>	<p>Hole size: 250mm                      OD: 396mm                      Circuits: 1~120circuits optional                      Current per ring: 5A or 10A optional                      Voltage: 440VAC/250VDC                      Working speed: 0~150RPM</p>	<p>Technical drawing of SNH250 slip ring. Views include rotor side, stator side, and anti-rotation tab (adjustable). Dimensions: Hole size 250mm, OD 396mm. Rotor side features 4-M8 screws for fixing the rotating shaft. Stator side shows rotor wire and stator wire connections. Anti-rotation tab is adjustable. Other dimensions include 35, 15, 16, 6, 200, 226, 180.5, 20, and 4-M5 deep10.</p>

<p><b>SNH300</b></p>	<p>Hole size: 300mm                  OD: 430mm                  Circuits: 1~120circuits optional                  Current per ring: 5A or 10A optional                  Voltage: 440VAC/250VDC                  Working speed: 0~150RPM</p>	
<p><b>SNH005</b></p>	<p>Hole size: 5mm                  OD: 22mm                  Circuits: 12circuits                  Current per ring: 2A                  Voltage: 250VAC/250VDC                  Working speed: 0~250RPM                  Length" L"( mm); 25.5</p>	
<p><b>SNH012A</b></p>	<p>Hole size: 12.7mm                  OD: 35mm                  Circuits: 6circuits,12circuits, 24circuits                  Current per ring: 2A                  Voltage: 250VAC/250VDC                  Working speed: 0~250RPM                  Length" L"( mm): 6rings 23.5mm                  12rings 34mm</p>	
<p><b>SNH020A</b></p>	<p>Hole size: 20mm                  OD: 42mm                  Circuits: 12circuits                  Current per ring: 2A                  Voltage: 250VAC/250VDC                  Working speed: 0~250RPM                  Length" L"( mm): 29mm</p>	

Senring not only provides standard industrial slip rings, but also customizes different slip rings according to customer's requirements: circuits from 1 to 600, current from milliamp to 800 Amp, rotating speed from 0 rpm to 12000rpm, from electrical slip ring to fiber optic rotary joint.....

Above list is part of Senring standard models, pls contact us for more models or ask for customized solutions.

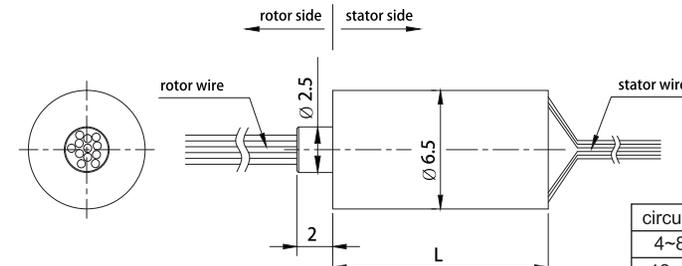
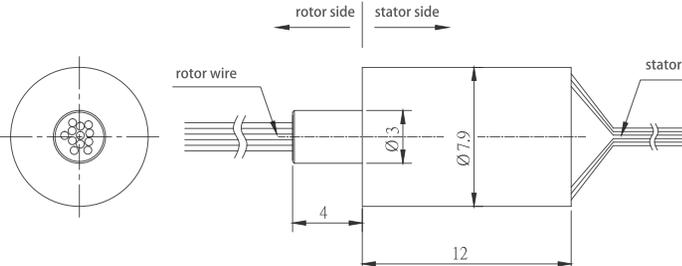
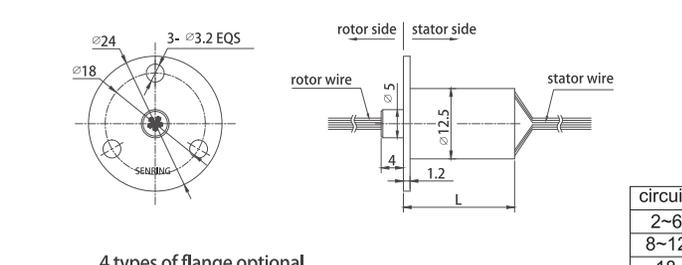
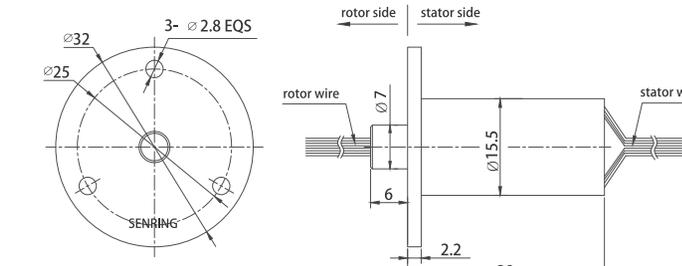
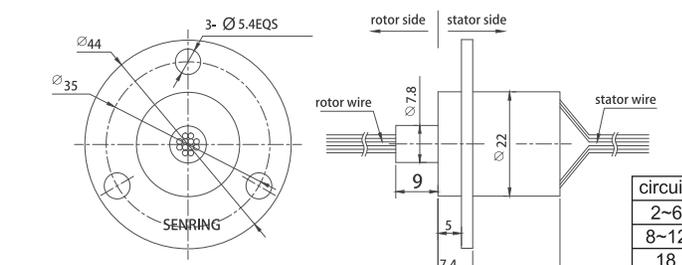
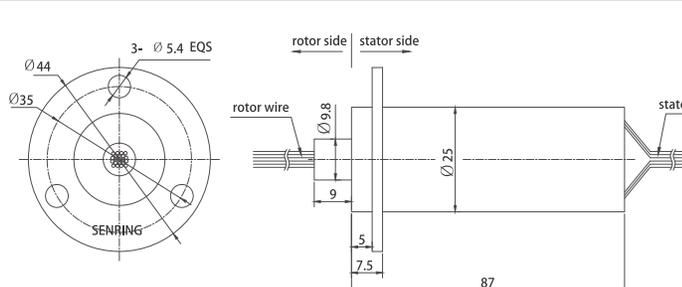
# SNM series capsule slip ring



SNM series capsule slip rings with mini size , min OD 6.5mm, specially designed for speed dome Camera, children Intelligent toys, stage lights and drones which have compact dimension requirements. It can be combined to transmit power, video, Ethernet and encoder signals.....and so on. Advantages : low torque , low loss, low electric noise, maintenance free.

## Technical Data

Circuits No.	1~56 (can be customized)	current	1~30A (can be customized)
Voltage	0~250VDC/VAC (can customized)	Max speed	250RPM
OD	≥6.5mm	Length	12~87mm
Housing material	Plastic (can be customize metal housing )	Torque	<0.06N.m
Working life	>10 millions revolutions(depends on work speed, environment)	Contact material	gold-gold
Electrical noise	<10mΩ @6VDC,50mA,5RPM	Lead wire Spec	UL Teflon@Awg12~32
Dielectric Strength	300VDC@50Hz,6s	Lead wire Length	200mm
Insulation	100MΩ@300VDC,6s	IP grade	IP51
Resistance	-20℃ ~ 80℃	Work Humidity	10% ~ 85% RH
Work Temperature	MIL-STD-810E	CE certificated	YES
Mechanical	RoHS compliant		--

<p><b>SNM006</b></p>	<p>OD: 6.5mm Length: 17.6mm Circuits No.: 4~12 circuits Current: 1A/circuit Voltage: 250 VDC/AVC Max speed: 150RPM Lead wire Spec: UL Teflon@Awg32</p>	 <table border="1" data-bbox="1323 376 1485 453"> <thead> <tr> <th>circuits</th> <th>length</th> </tr> </thead> <tbody> <tr> <td>4~8</td> <td>12mm</td> </tr> <tr> <td>12</td> <td>17.6mm</td> </tr> </tbody> </table>	circuits	length	4~8	12mm	12	17.6mm				
circuits	length											
4~8	12mm											
12	17.6mm											
<p><b>SNM008</b></p>	<p>OD: 7.9mm Length: 12mm Circuits No.: 4, 6, 8 circuits Current: 1A/circuit Voltage: 250 VDC/AVC Max speed: 150RPM Lead wire Spec: UL Teflon@Awg30</p>											
<p><b>SNM012</b></p>	<p>OD: 12.5mm Length: 13.5-23.5mm Circuits No.: 2~18 circuits Current: 2A/circuits Voltage: 250 VDC/AVC Max speed: 250RPM Lead wire Spec: UL Teflon@Awg30</p>	 <p>4 types of flange optional</p> <table border="1" data-bbox="1323 951 1485 1050"> <thead> <tr> <th>circuits</th> <th>length</th> </tr> </thead> <tbody> <tr> <td>2~6</td> <td>13.5mm</td> </tr> <tr> <td>8~12</td> <td>18.2mm</td> </tr> <tr> <td>18</td> <td>23.5mm</td> </tr> </tbody> </table>	circuits	length	2~6	13.5mm	8~12	18.2mm	18	23.5mm		
circuits	length											
2~6	13.5mm											
8~12	18.2mm											
18	23.5mm											
<p><b>SNM015</b></p>	<p>OD: 15.5mm Length: 39mm Circuits No.: 24circuits Current: 2A/circuit Voltage: 250 VDC/AVC Max speed: 250RPM Lead wire Spec: UL Teflon@Awg30</p>											
<p><b>SNM022</b></p>	<p>OD: 22mm Length: 19~57.3mm Circuits No.: 2~36circuits Current: 2A/circuit Voltage: 250 VDC/AVC Max speed: 250RPM Lead wire Spec: UL Teflon@Awg26</p>	 <p>4 types of flange optional</p> <table border="1" data-bbox="1323 1537 1485 1659"> <thead> <tr> <th>circuits</th> <th>length</th> </tr> </thead> <tbody> <tr> <td>2~6</td> <td>19mm</td> </tr> <tr> <td>8~12</td> <td>26mm</td> </tr> <tr> <td>18</td> <td>33mm</td> </tr> <tr> <td>24</td> <td>40mm</td> </tr> </tbody> </table>	circuits	length	2~6	19mm	8~12	26mm	18	33mm	24	40mm
circuits	length											
2~6	19mm											
8~12	26mm											
18	33mm											
24	40mm											
<p><b>SNM025</b></p>	<p>OD: 25mm Length: 87mm Circuits No.: 56 circuits Current: 2A/circuit Voltage: 250 VDC/AVC Max speed: 250RPM Lead wire Spec: UL Teflon@Awg28</p>											

# SNQ series pneumatic, hydraulic-Electrical rotary joints



- SNQ series 360 ° rotating to transmit compressed air, cooling water, hot oil..., can be combined to transmit power, control signal, switch signal, micro signal +fiber +mercury +servo motor signal of instruments and computer automatic control , video signal even HD signal together.
- 1、2、3、4、6、8、12、16 channels optional
- Through bore or solid optional
- Main applications: high-tech auto-equipments, packing machine
- 50% of pneumatic, hydraulic-Electrical slip rings/rotary joints are customized

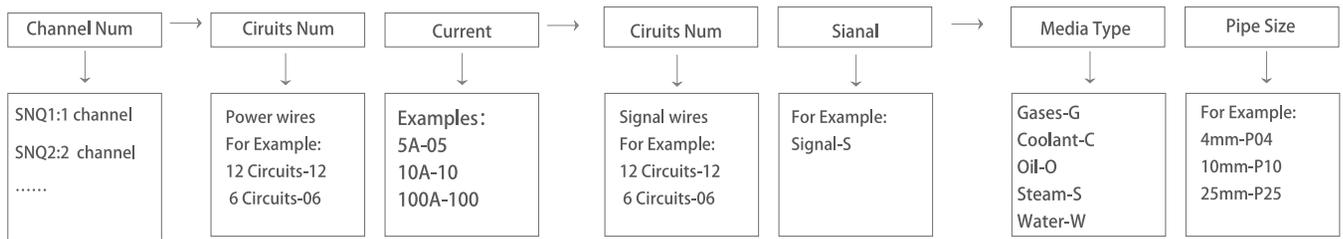
## Rotary joint-technical data

Channels No.	1~16 channels optional	Torque	<5 N.m
Media Type	cooled liquid, gas/air, hot oil, water, steam ...	pressure	0~20MPa
Max working speed	250RPM	Work Temperature	-20°C~120°C
Tube size	4~25mm (could be customized)	Materials	Shaft :stainless steel

## Electric slip ring-technical data

Voltage	440 VAC/250VDC	Contact material	gold-gold
Dielectric Strength	500VDC@50Hz, 6s	Lead wire Spec	UL Teflon@Awg22(signal 5A) , Awg17(10A)
Insulation Resistance	500MΩ@500VDC	Lead wire Length	300mm
Work Temperature	-20°C~80°C	IP grade	IP51
Mechanical vibration	MIL-STD-810E	Work Humidity	10% ~85% RH
Material	RoHS compliant	CE certificated	YES

**Standard Part No. Description**



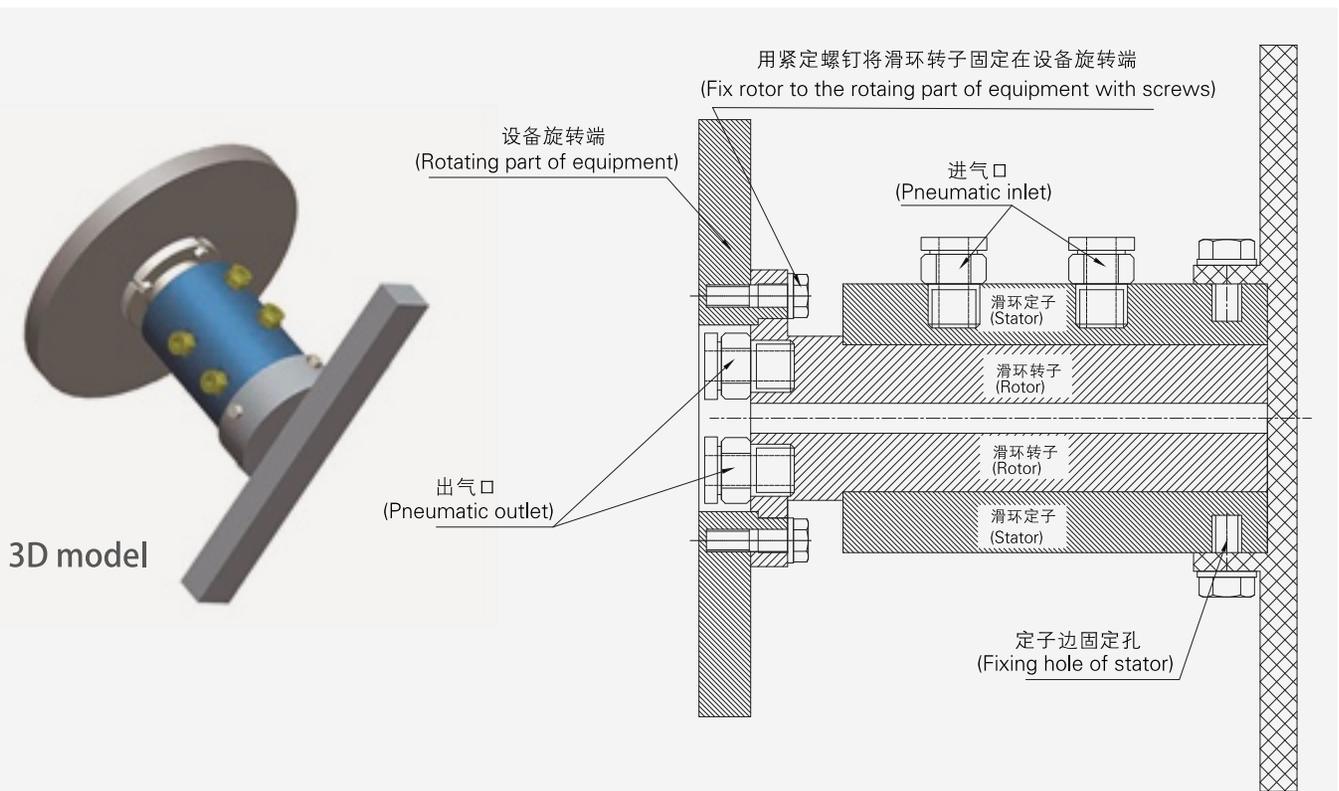
**Examples:**

SNQ01-12S-G-P08: 12circuits signal , 2A per circuit+ 1 channel air ,tube size 8mm

SNQ04-0810-16S-C-P25 : 8circuits , 10A per circuit+ 16circuits signal , 2A per circuit+ 1 channel cooled liquid, tube size 25mm

**Customization:** if customer have special requirements, such as dimensions( length, height...), exit direction of wires , wire length, high temperature, large current, connectors , military level ....., pls contact us: info@senring.com

**INSTALLATION GUIDE**



**SNQ series Standard model list**

<p><b>SNQ01</b></p>	<p>pneumatic/hydraulic channels no.: 1</p> <p>Electrical circuits no.: 1~96</p> <p>Tube size: 4mm~25mm</p>	
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# SNZ series servo motor encoder slip rings

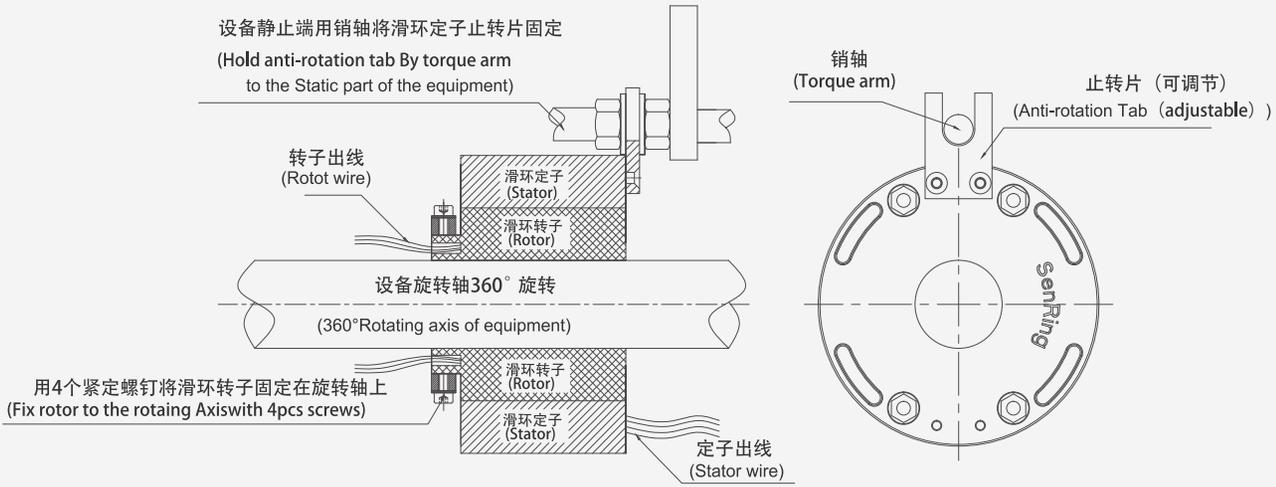


- Flange design at rotor side for easy installation, can serve 4pcs servo motors at the meantime
- Gold-gold contact, high reliability
- Special inner wiring and shielding design to avoid encoder errors
- Can combine with power or signals, such as Profibus, Profinet...
- Can combine with pneumatic, hydraulic rotary joints
- Designed for the servo motor/encoder of automatic control systems of SIMEMS,YASKAWA,HEIDENHAIN....

## Technical Data

Servo motor no.	1~4pcs	power	<3KW
Voltage	<440VAC/250VDC	Max speed	1000RPM
Housing material	AL alloy	Torque	0.05N.m;+0.03N.m/6circuits
Working life	>80 millions revolutions(depends on work speed, environment)	Contact material	gold-gold
Electrical noise	<5mΩ	Lead wire Spec	AWG17# /multi-cores shielding wires
Dielectric Strength	800VDC@50Hz	Lead wire Length	300mm
Insulation Resistance	1000MΩ@600VDC	IP grade	IP51
Work Temperature	-20°C ~ 80°C	Work Humidity	10% ~85% RH
Mechanical vibration	MIL-STD-810E	CE certificated	YES
Material	RoHS compliant	--	--

# INSTALLATION GUIDE



## Standard model list

Part no.	Servo motor no.	length (mm)	hole size (mm)	max speed (rpm)	drawing	
SNZ	SNZ-01	1pcs	55	Solid	1000	
	SNZ-02	2pcs	89			
	SNZ-03	3pcs	122			
	SNZ-04	4pcs	156			
SNZ030	SNZ030-01	1pcs	76	30mm	800	
	SNZ030-02	2pcs	124			
	SNZ030-04	4pcs	220			
	SNZ030-08	8pcs	430			
SNZ080	SNZ080-01	1pcs	88	80mm	500	
	SNZ080-02	2pcs	136			
	SNZ080-04	4pcs	230			
	SNZ080-08	8pcs	440			

L长度 (mm)

# Product Show



Product: USB/Power/Singnal slip ring  
Part No.: SNH030-1410-14S Application: 3D Scanner



Product: USB,VGA,Ethernet,Singnel slip ring  
Part No.: SNH055-0330-34S



Product: High frequency rotary joint  
Part No.: SNHF-01



Product: 1080P HD-SDI slip ring  
Part No.: SHD-24S



Product: Mercury slip ring



Product: PCB Slip Ring Part No.: SNK-03



Product: pneumatic, hydraulic-Electrical slip ring  
Part No.: SNQ04-20S-GW-P080



Product: Mini through hole slip ring  
Part No.: SNH012A-06



Product: Square Slip Ring  
Part No.: SNH025-5F

# Product Show



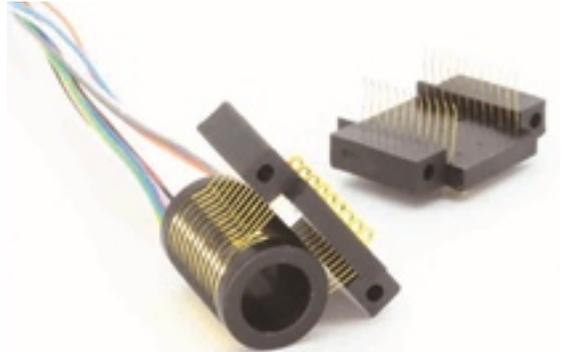
Product: Customized slip ring,2 wires input,lot of wires output Part No.: SNH060-0250-48



Product: Ethernet Slip Ring Part No.: SNH2599-102-60641



Product: High Frequency Slip Ring Part No.: SNHF-0810-04S-04



Product: Separate slip ring Part No.: SNS010-12



Product: Pancake slip ring Part No.: SNK050-0210-02S



Product: Dustproof&waterproof Slip Ring Application: marine equipment Part No.: SNH-55SFL

# Product Show



Product: Large current brush slip ring Part No.: SNH-04500-0160



Product: High speed slip ring Part No.: SNG012-12



Product: Servo motor encoder Application: servo motor Part No.: SNZ080-02



Product: Fiber optic-electrical slip ring Part No.: SNFO18-12S



Product: Fiber optic rotary joint Part No.: SNFO-004

# Product Show



Product: Fiber Optic-Electrical waterproof Slip Ring  
Part No.: SNFO088-0650-0410 Application: marine



Product: Dustproof & waterproof Slip Ring  
Part No.: F038-36S Application: Logging equipment



Product: Separate Slip Ring Part No.: SNS160-20



Product: pneumatic, hydraulic-Electrical slip ring Part No.: SNQ04-0610-G06



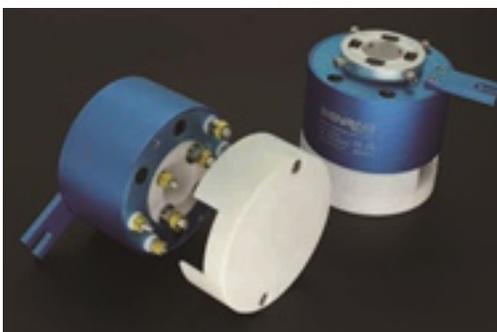
Product: Pneumatic, hydraulic slip ring Part No.: SNQ-0820-4L



Product: Through hole slip ring Part No.: SNH-02150-0315



Product: pneumatic-Electrical slip ring with through hole



Product: High Temperature Slip Ring  
Part No.: SNH2586-0240-02SGW



Product: HDMI Slip Ring  
Part No.: SNM022A-05S-HDMI