

MSP103 SERIES

MSP104 - MSP SERIES

MSP103 Slip Rings

MSP103 slip rings are miniture,separated slip ring,with 3 rings signal/2A, are standard, off-the-shelf.Color-coded lead wires are used on both the stator and rotor for simplified electrical connections. Using a 90° V-groove ring design for each ring.

MSP1039 is the high-end version corresponding to MSP103, See difference as below:

	Max Speed	Working life	Torque	Electrical noise① @10Rpm
MSP103	250RPM	20million	0.02 N·m	10mΩ
MSP1039	1000RPM	100million	0.005 N·m	4mΩ



Specifications

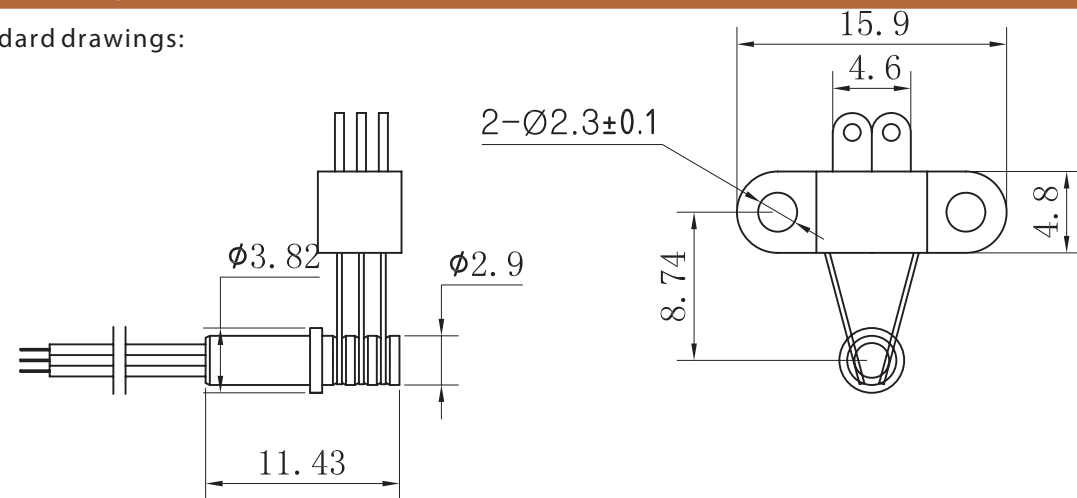
Specifications			
Circuits Num	3	current	2A/signal
Rating voltage	210 VDC / 240 VAC	Contact material	Precious Metal:Gold-Gold
Dielectric strength	600VDC@50Hz	Lead Wire	UL Teflon® Awg28
Insulation resistance	1000MΩ@500VDC	Lead Lengths	250mm
Operating Temp.	-40°C to 80°C	Protection	IP51
Mechanical vibratio	MIL-SID-810E	Humidity	10% to 90% RH
Materials	Lead Free,RoHS compliant	CE Certified	YES

Notes:

- 1)The operational life of the unit is dependent upon rotational speed, environment and temperature.
- 2)Lead Wire size: 2A/signal -> AWG28 colored code.
- 3)Electrical noise is dependent upon the rotating speed and current,voltage.

Drawings

Standard drawings:



Application

Typical Application

- › CCTV Monitoring System.
- › Electrical test equipment.
- › Medical equipment.
- › Rotary table
- › Robotics
- › Laboratory equipmen
- › Manufacturing and process control equipment

MSP104 Slip Rings

MSP104 slip rings are miniture,separated slip ring,with 4 rings signal/2A, are standard, off-the-shelf.Color-coded lead wires are used on both the stator and rotor for simplified electrical connections. Using a 90° V-groove ring design for each ring.

MSP1049 is the high-end version corresponding to MSP104, See difference as below:

	Max Speed	Working life	Torque	Electrical noise① @10Rpm
MSP104	250RPM	20million	0.02 N·m	10mΩ
MSP1049	1000RPM	100million	0.005 N·m	4mΩ



Specifications

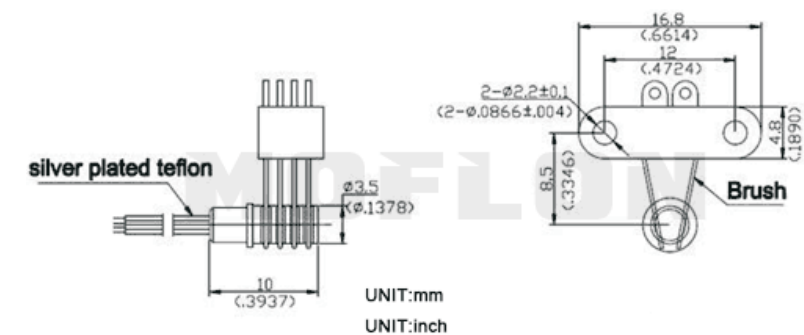
Specifications			
Circuits Num	4	current	2A/signal
Rating voltage	210 VDC / 240 VAC	Contact material	Precious Metal:Gold-Gold
Dielectric strength	600VDC@50Hz	Lead Wire	UL Teflon® Awg28
Insulation resistance	1000MΩ@500VDC	Lead Lengths	250mm
Operating Temp.	-40°C to 80°C	Protection	IP51
Mechanical vibratio	MIL-SID-810E	Humidity	10% to 90% RH
Materials	Lead Free,RoHS compliant	CE Certified	YES

Notes:

- 1)The operational life of the unit is dependent upon rotational speed, environment and temperature.
- 2)Lead Wire size: 2A/signal -> AWG28 colored code.
- 3)Electrical noise is dependent upon the rotating speed and current,voltage.

Drawings

Standard drawings:



Application

Typical Application

- › CCTV Monitoring System.
- › Electrical test equipment.
- › Medical equipment.
- › Rotary table
- › Robotics
- › Laboratory equipmen
- › Manufacturing and process control equipment