

MC260 - MC SERIES

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MC260 Slip Rings

OD 22.00mm(0.87"),Length 26mm(1.02")

Mc260 slip rings are small and compact with OD 22mm * L 26mm, with capsule style, 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.

MC2609 is the high-end version corresponding to MC260, See difference as below:

	Max Speed	Working life	Torque	Housing Material	Electrical noise① @10Rpm
MC260	250RPM	50million	0.03 N·m	Plastics	10mΩ
MC2609	1000RPM	150million	0.008 N·m	Metal	4mΩ



Specifications

PART ##	OD *L	SIGNAL/2A	4A	8A	15A	TOTAL WIRES
MC260	22mm*26mm	12	0	0	0	12
MC260-P0404-S06	22mm*26mm	6	3	0	0	9
MC260-P0208-S02	22mm*26mm	2	0	2	0	4
MC260-P0308	22mm*26mm	0	0	3	0	3
MC260-P0308	22mm*26mm	0	0	0	1	1

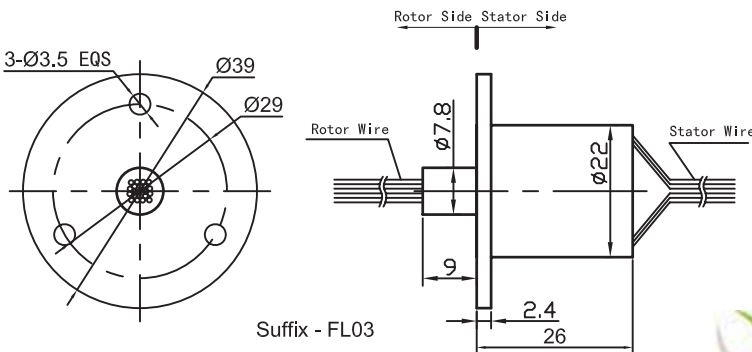
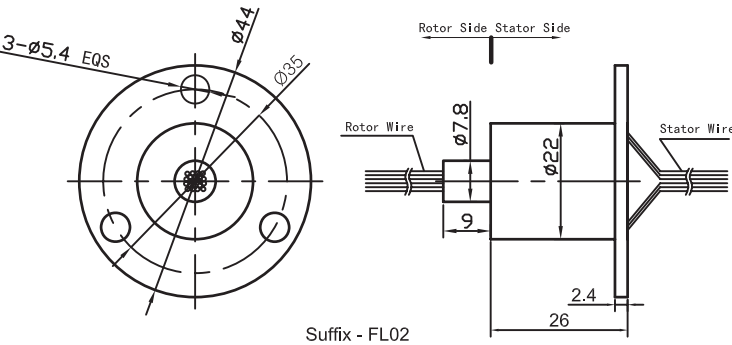
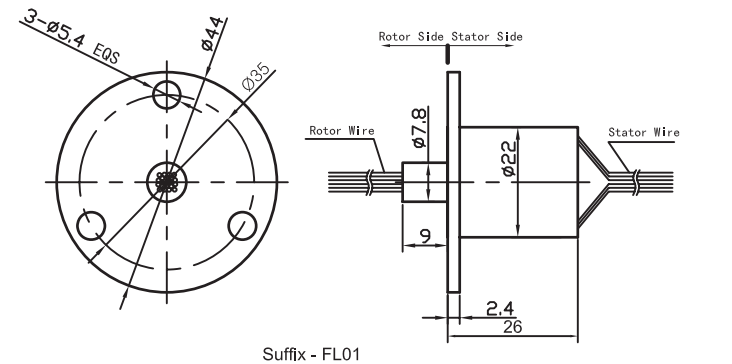
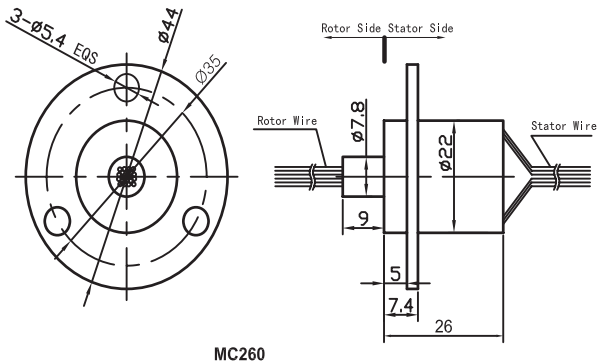
Shared Specifications

Wires	Max 12(see table as above)	Current	Signal(2A),Multiple 2A
Voltage	240 VDC/VAC	Max speed	250RPM
Overall diameter	22mm(0.87")	Length	26mm(1.02")
Contact Material	Precious Metal:gold-gold	Contact Resistance	<150mOhm(AWG28#,250mm)
Housing Material	Plastics	Torque	0.03N.m
Working life	50million	Electrical noise	<10mΩ
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 vibration	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, 4A -> AWG22, 8A -> Awg16, 15A -> Awg14, colored code.
 - 3)Electrical noise is dependent upon the rotating speed and current,voltage.

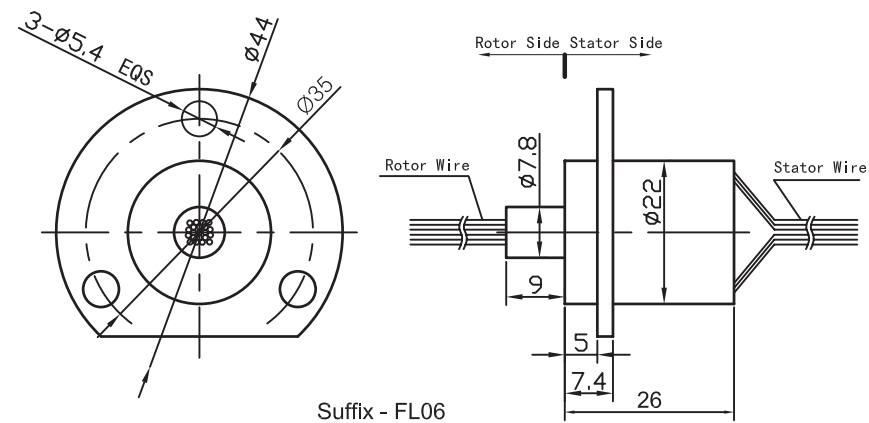
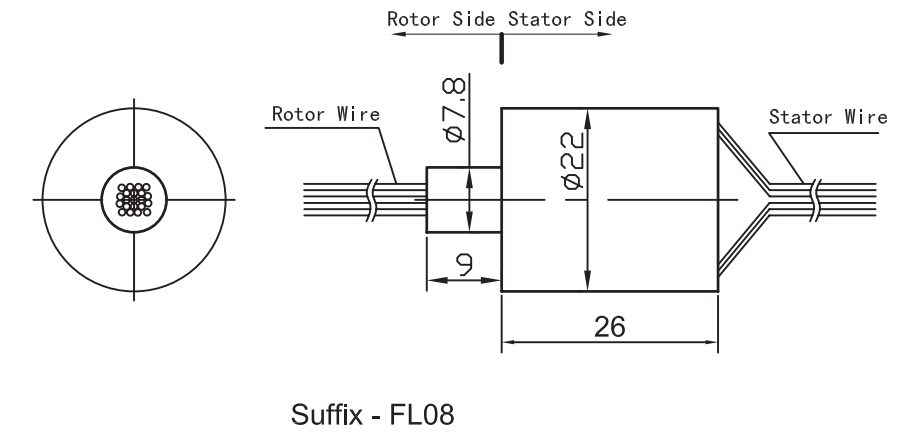
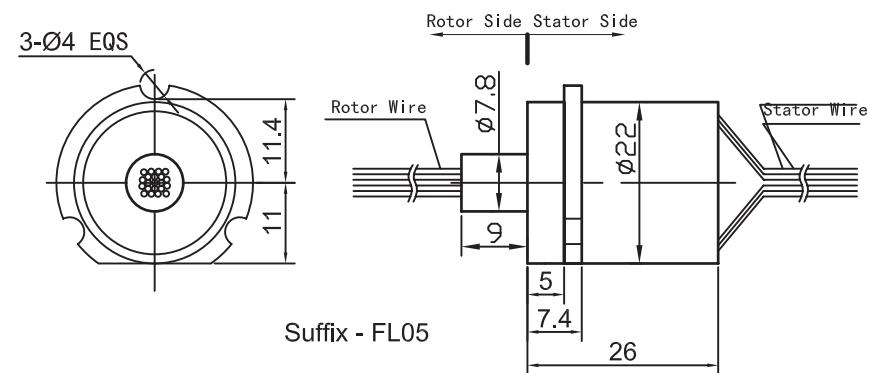
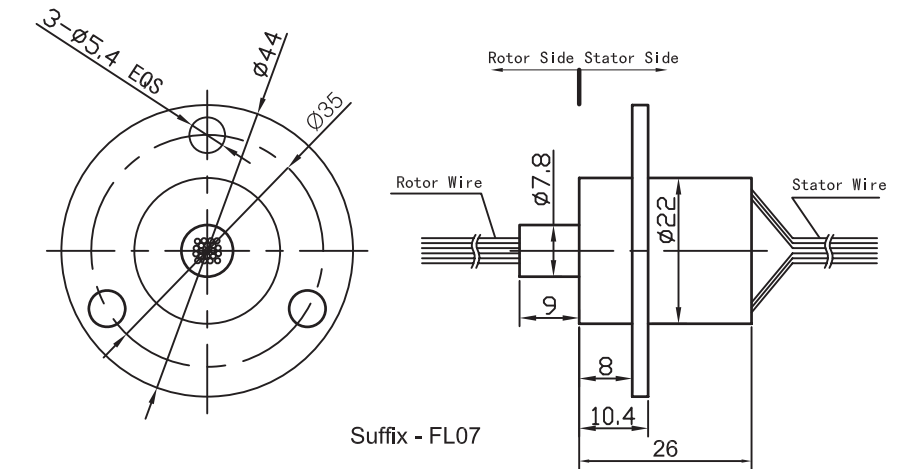
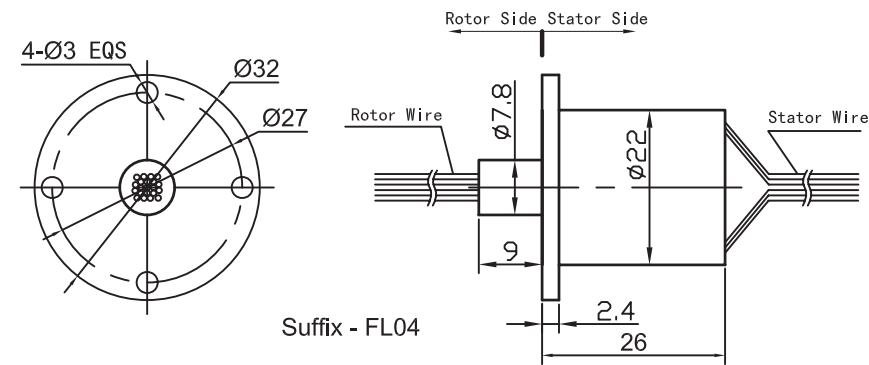
Drawings

Standard drawings:



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Options

- MC2609 is the high-end version corresponding to MC260.
- Optional flange mounting.
- Specified connectors and Heat-shrink tube.
- Longer lead lengths available.
- High temperature is optional.
- Military Grade.

Application

Typical Application

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