

MOS12 Series Overview

Description

MOS12 was a standard capsule slip ring, diameter 12.5mm, length can be from 15mm to 24mm, compact design with gold contact, can top to 18 circuits, high performance color lead wire. Perfect for transfer precision signal, low current. Small torque, low noise and loss, non-maintenance.



Features

- 6, 12, 18 circuit models
- Gold-on-gold contacts
- Flexible, color-coded, silver-plated Teflon® insulated lead wires
- Transfers analog and digital signals

Typical Applications

- CCTV pan / tilt camera mounts
- Electrical test equipment
- Manufacturing and process control equipment
- Exhibit / display equipment
- Medical equipment

Specifications

Item	
Operating Speed	Max.250 RPM*
Number of Circuits	6, 12, 18 wires
Lead Wire	AWG30# Teflon, 300mm
Voltage	240V AC/DC
Operating Temperature	-20℃ to 60℃
Current Rating	Signal / 1.5A circuits
Noise	<0.01Ω
Torque	0.02N.m
Housing Material	Plastic
Protection Grade	IP51

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

Options

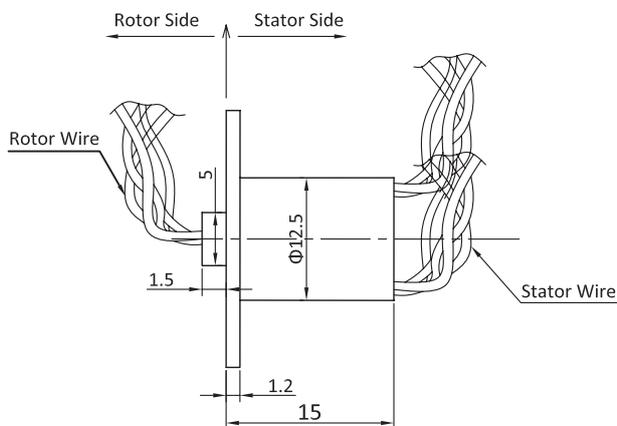
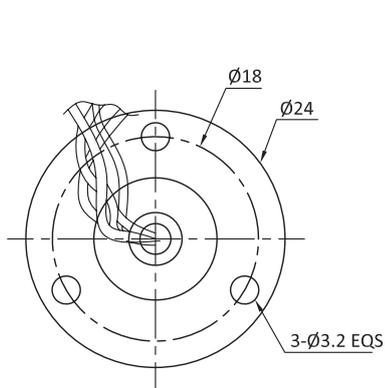
- Optional flange mounting.
- Specified connectors and Heat-shrink tube.
- Longer lead lengths available.
- Ethernet, USB, HDMI data transmission are available.
- Hybrid Pneumatic/hydraulic and electric slip ring can be mixed.

INTRODUCE

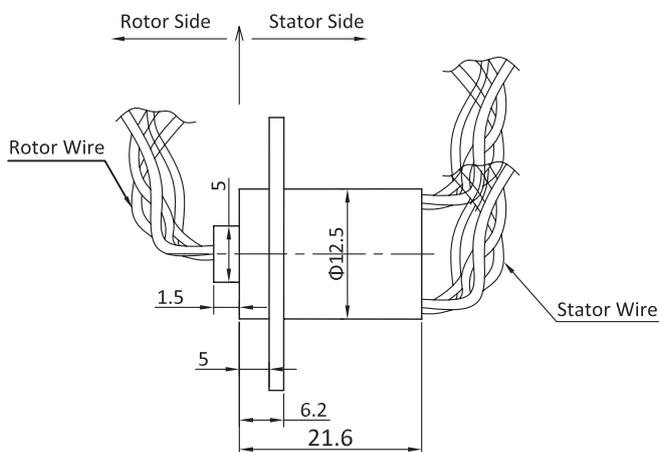
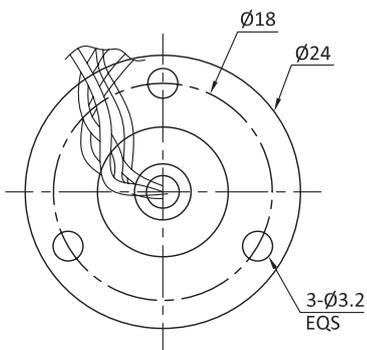
MOS12

2

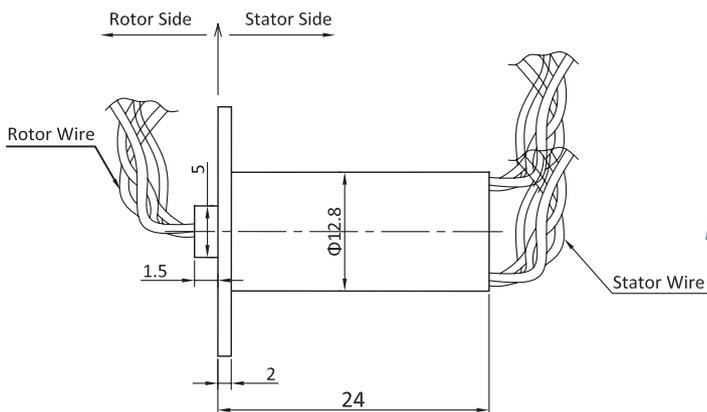
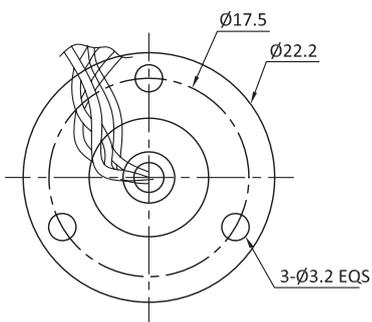
MOS12 Series Dimensions



MOS12-06



MOS12-12



MOS12-18

Notes:

- 1. Drawings not actual size, dimensions are in millimeters

Lead wire color code(From the rotor)

Ring#	Color	Description/AWG	Ring#	Color	Description/AWG
1	BLK	Signal / 1.5A, AWG30#	7	BLU	Signal / 1.5A, AWG30#
2	BRN		8	VIO	
3	RED		9	GRY	
4	ORN		10	WHT	
5	YEL		11	PINK	
6	GRN		12	SOFT-BLU	

Notes:

12 wires for 1 group color, from 12~24 circuits would repeat the same color.