

## MOS22 Series Overview

### Description

MOS22 was a standard capsule slip ring, diameter 22mm, length can be from 19mm to 48.4mm, compact design with gold contact, can top to 36 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, 24, 36 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	2~36 wires
Lead Wire	AWG28#, AWG30# Teflon, 300mm
Voltage	240V AC/DC
Operating Temperature	-20℃ to 60℃
Current Rating	Signal / 2A 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

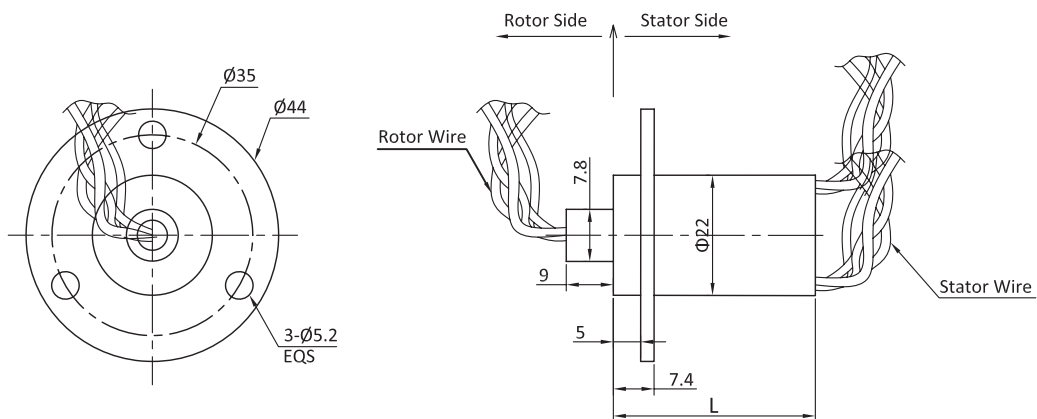
- Optional flange mounting.
- Specified connectors and Heat-shrink tube.
- Longer lead lengths available.
- Ethernet, USB, HDMI data transmission are available.
- Hybrid Pneumatic/hydraulic and electric slip ring can be mixed.

# INTRODUCE

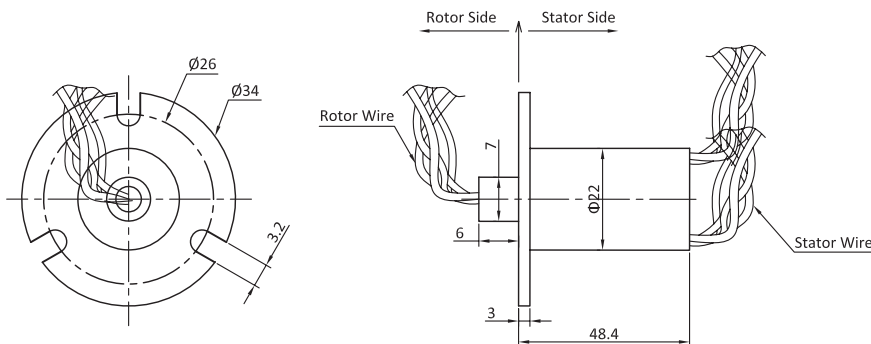
## MOS22

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### MOS22 Series Dimensions



#### MOS22-36



#### Notes:

1. Drawings not actual size, dimensions are in millimeters

### Part# List

Model#	Power Circuits(5A/10A)	Signal (2A)	Voltage(V)	OD(mm)	Length(mm)
MOS22-06	-	6	240	22	19
MOS22-08	-	8	240	22	26.4
MOS22-12	-	12	240	22	26.4
MOS22-18	-	18	240	22	35
MOS22-24	-	24	240	22	42.5
MOS22-36	-	36	240	22	48.4

#### Lead wire color code(From the rotor)

Ring#	Color	Description/AWG	Ring#	Color	Description/AWG
1	BLK	Signal / 2A, AWG28#	7	BLU	Signal / 2A, AWG28#
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.