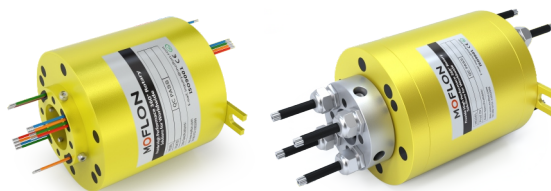


NT025 Series

The standard series with a through-hole diameter of 25.4mm (applicable to $\leq 25.4\text{mm}$) Integrated precision conductive waterproof slip ring

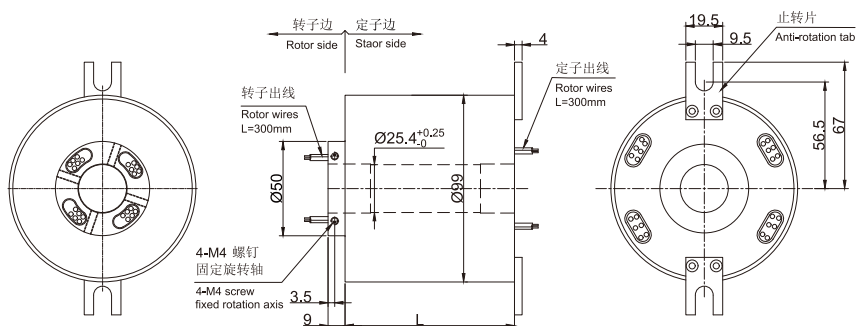
※ Note: If an inner hole of $<25.4\text{mm}$ is required, it can be achieved by adding an inner-lined shaft sleeve



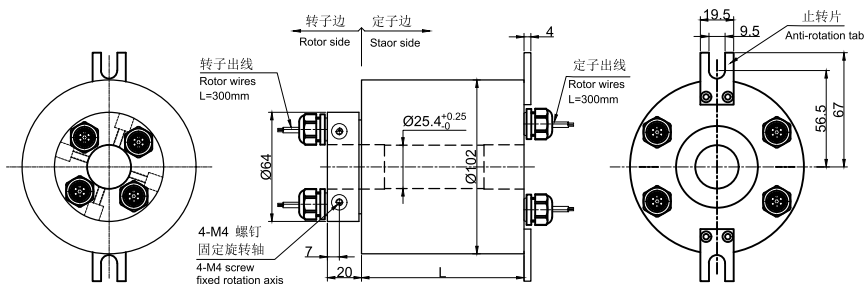
Part# Explanation

NT 025-P 0610-S 06				
NT: Code for hollow waterproof electrical slip ring series	025: 025-ID25.4mm	P: power ring	06:6 rings(0~5A/Ring)	S:Signal
			0610:06-6rings;rated 0~10A/ring	

NT025 IP66



NT025 IP68



Part# List

NT025 Series Parts# List							
Part#	10A	Signal/5A	Length-L (mm)	Part#	10A	Signal/5A	Length-L (mm)
NT025-S06-IP66	0	6	89.8	NT025-S06-IP68	0	6	95.3
NT025-P0610-IP66	6	0	89.8	NT025-P0610-IP68	6	0	95.3
NT025-S12-IP66	0	12	110.2	NT025-S12-IP68	0	12	115.7
NT025-P0610-S06-IP66	6	6	110.2	NT025-P0610-S06-IP68	6	6	115.7
NT025-P1210-IP66	12	0	110.2	NT025-P1210-IP68	12	0	115.7
NT025-S18-IP66	0	18	130.6	NT025-S18-IP68	0	18	136.1
NT025-P0610-S12-IP66	6	12	130.6	NT025-P0610-S12-IP68	6	12	136.1
NT025-P01210-S06-IP66	12	6	130.6	NT025-P01210-S06-IP68	12	6	136.1
NT025-P1810-IP66	18	0	130.6	NT025-P1810-IP68	18	0	136.1
NT025-S24-IP66	0	24	151	NT025-S24-IP68	0	24	156.5
NT025-P0610-S18-IP66	6	18	151	NT025-P0610-S18-IP68	6	18	156.5
NT025-P1210-S12-IP66	12	12	151	NT025-P1210-S12-IP68	12	12	156.5
NT025-P1810-S06-IP66	18	6	151	NT025-P1810-S06-IP68	18	6	156.5
NT025-P2410-IP66	24	0	151	NT025-P2410-IP68	24	0	156.5
NT025-S30-IP66	0	30	171.4	NT025-S30-IP68	0	30	176.9
NT025-P0610-S24-IP66	6	24	171.4	NT025-P0610-S24-IP68	6	24	176.9
NT025-P1210-S18-IP66	12	18	171.4	NT025-P1210-S18-IP68	12	18	176.9
NT025-P1810-S12-IP66	18	12	171.4	NT025-P1810-S12-IP68	18	12	176.9
NT025-P2410-S06-IP66	24	6	171.4	NT025-P2410-S06-IP68	24	6	176.9
NT025-P3010-IP66	30	0	171.4	NT025-P3010-IP68	30	0	176.9
NT025-S36-IP66	0	36	195.2	NT025-S36-IP68	0	36	200.7
NT025-P0610-S30-IP66	6	30	195.2	NT025-P0610-S30-IP68	6	30	200.7
NT025-P1210-S24-IP66	12	24	195.2	NT025-P1210-S24-IP68	12	24	200.7
NT025-P1810-S18-IP66	18	18	195.2	NT025-P1810-S18-IP68	18	18	200.7
NT025-P2410-S12-IP66	24	12	195.2	NT025-P2410-S12-IP68	24	12	200.7
NT025-P3010-S06-IP66	30	6	195.2	NT025-P3010-S06-IP68	30	6	200.7
NT025-P3610-IP66	36	0	195.2	NT025-P3610-IP68	36	0	200.7
NT025-S42-IP66	0	42	215.6	NT025-S42-IP68	0	42	221.1
NT025-P0610-S36-IP66	6	36	215.6	NT025-P0610-S36-IP68	6	36	221.1
NT025-P1210-S30-IP66	12	30	215.6	NT025-P1210-S30-IP68	12	30	221.1
NT025-P1810-S24-IP66	18	24	215.6	NT025-P1810-S24-IP68	18	24	221.1
NT025-P2410-S18-IP66	24	18	215.6	NT025-P2410-S18-IP68	24	18	221.1
NT025-P3010-S12-IP66	30	12	215.6	NT025-P3010-S12-IP68	30	12	221.1
NT025-P3610-S06-IP66	36	6	215.6	NT025-P3610-S06-IP68	36	6	221.1
NT025-P4210-IP66	42	0	215.6	NT025-P4210-IP68	42	0	221.1
NT025-S48-IP66	0	48	236	NT025-S48-IP68	0	48	241.5
NT025-P0610-S42-IP66	6	42	236	NT025-P0610-S42-IP68	6	42	241.5
NT025-P1210-S36-IP66	12	36	236	NT025-P1210-S36-IP68	12	36	241.5
NT025-P1810-S30-IP66	18	30	236	NT025-P1810-S30-IP68	18	30	241.5
NT025-P2410-S24-IP66	24	24	236	NT025-P2410-S24-IP68	24	24	241.5
NT025-P3010-S18-IP66	30	18	236	NT025-P3010-S18-IP68	30	18	241.5
NT025-P3610-S12-IP66	36	12	236	NT025-P3610-S12-IP68	36	12	241.5
NT025-P4210-S06-IP66	42	6	236	NT025-P4210-S06-IP68	42	6	241.5
NT025-P4810-IP66	48	0	236	NT025-P4810-IP68	48	0	241.5

Note: N channels 10A rings parallel can be used as 1 channel N*10A current. For example: 2 rings 10A parallel could be used as 1 wires 20A,10A,5A (signal) can combine freely in any way.It can be customized based on standard slip ring,please contact customer service for more detmalls.

Specifications

Electrical Data		
Parameter	Value	
	Power	Signal
Rated Voltage	0~690VAC/VDC	0~440VAC/VDC
Insulation Resistance	≥1000MΩ/1000VDC	≥1000MΩ/500VDC
Dielectric Strength	1mm² Cable	0.2mm²Cable
Lead Length	Standard 300mm	
Lead Wires	1000VAC@50Hz,60s	
Electrical Noise	<0.01Ω	
Mechanical Data		
Parameter	Value	
Rotating Speed	100RPM	
Working Temperature	-30°C~80°C/-45°C~80°C(Military optional)	
Operating Humidity	0~85% RH/0~97% RH(Military optional)	
Housing Materia	Aluminum alloy / Aluminum alloy + Stainless steel	
Protection Grade	IP66/IP68	

Options for custom slip ring

Note: The following special requirements can be customized, with delivery times increasing by 3 to 15 days and costs increasing by 5% to 50%. Most of our basic components are standardized and modularized, and non-standard customization can also significantly reduce costs and delivery times.

- ① The outlet mode and length of the rotor and stator can be customized.
- ② Due to structural constraints, customization can be made according to specified length, height, or outer diameter.
- ③ Optional aviation plugs, terminals, and heat-shrink tubing are available.
- ④ Hybrid slip rings for servo system signals, power lines, and encoder lines from Yaskawa, Panasonic, Siemens, etc.
- ⑤ It supports mixed high-speed data transmission (including various industrial buses such as Ethernet, USB, RS232, Rs485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfiNET, EtherCAT, etc.).
- ⑥ Mixing of temperature control signals and thermocouple signals.
- ⑦ Customized for shockproof, high-temperature, and other special environments.
- ⑧ It can be integrated with pneumatic, hydraulic rotary joints to form a hybrid pneumatic-electric-hydraulic slip ring.
- ⑨ Military grade.
- ⑩ Requirements for stainless steel casing.

Technical support email: technical@moflon.com