



Miniature Capsule Slip Rings



● Features

- ⊗ Military standard surface processing /Precise/Gold-to-gold contact/
Low resistance/Long service life
- ⊗ Compact size/Gold-to-gold contact/Low resistance/Long service life/
Integrate multifarious signals
- ⊗ Ultra compact size/Precise design/Military-standard material /Low resistance

● Applications:

- ⊗ Robot vacuum
- ⊗ Rocker camera
- ⊗ Petrol and mine platforms
- ⊗ Testing equipment
- ⊗ Electrical testing equipment
- ⊗ Medical instruments
- ⊗ Intelligent Robots
- ⊗ Commercial UAV
- ⊗ Manual stabilizer
- ⊗ VR devices



● Selection table

LPC Capsule Slip Rings Series					
Model	Circuits	OD(mm)	Length(mm)	Voltage (AC/DC)	Current(A)
LPC-06	6	φ22	19.2	240V	2A
LPC-08YS	8	φ22	21.4	240V	2A
LPC-12	12	φ22	26.4	240V	2A
LPC-15YS	15	φ22	34	240V	2A
LPC-18	18	φ22	32.9	240V	2A
LPC-24	24	φ22	42.3	240V	2A
LPC-30	30	φ22	49.8	240V	2A
LPC-36	36	φ22	57.3	240V	2A
LPC-56	56	φ25	85.7	240V	2A
LPC-76	76	φ35.5	105.7	240V	2A
LPC-125	125	φ54	286	240V	2A

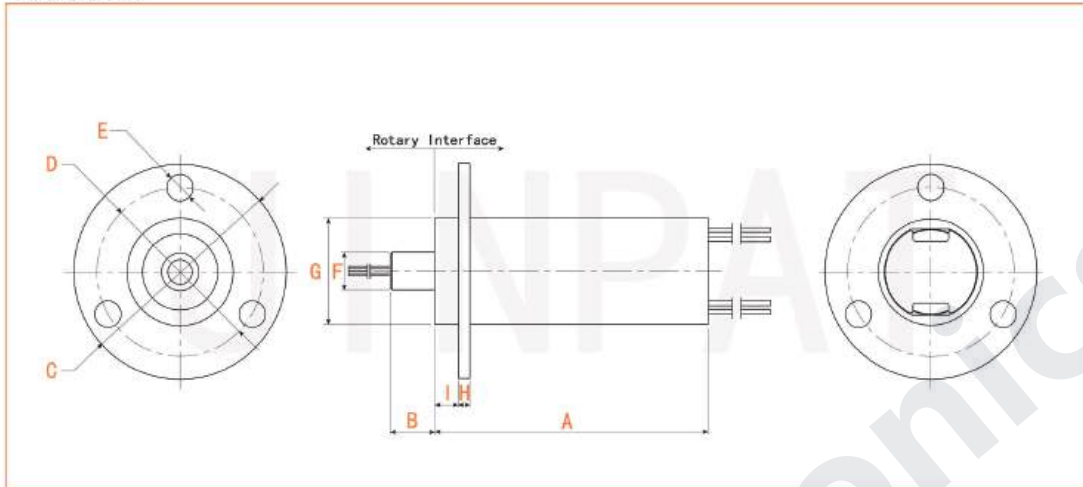
● Selection table

LPM Miniature Capsule Slip Rings Series					
Model	Circuits	OD(mm)	Length(mm)	Voltage (AC/DC)	Current(A)
LPM-04	4	φ12.5	15.6	240V	1-2A
LPM-06	6	φ12.5	18.2	240V	1-2A
LPM-12	12	φ12.5	25.2	240V	1-2A
LPM-18	18	φ15.5	40	240V	1-2A
LPM-24	24	φ15.5	39.7	240V	1-2A
LPM-30	30	φ16	37	240V	1-2A
LPMS Super Miniature Capsule Slip Rings Series					
Model	Circuits	OD(mm)	Length(mm)	Voltage (AC/DC)	Current(A)
LPMS-04	4	φ7.9	10.8	24V	1A
LPMS-05	5	φ5.5	9.6	24V	1A
LPMS-06	6	φ7.9	11.2	24V	1A
LPMS-08	8	φ8.4	11.7	24V	1A
LPMS-10	10	φ10	13.6	24V	1A
LPMS-12	12	11	24	24V	1A

● Product Dimension Drawing

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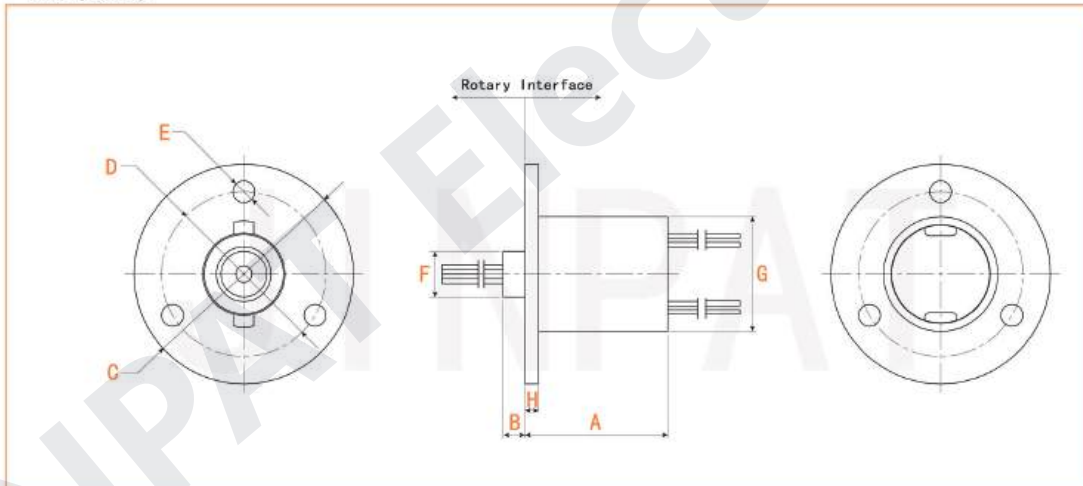
LPC SERIES



Rotating interface: The point where the rotating part meets the stationary part.

JINPAT

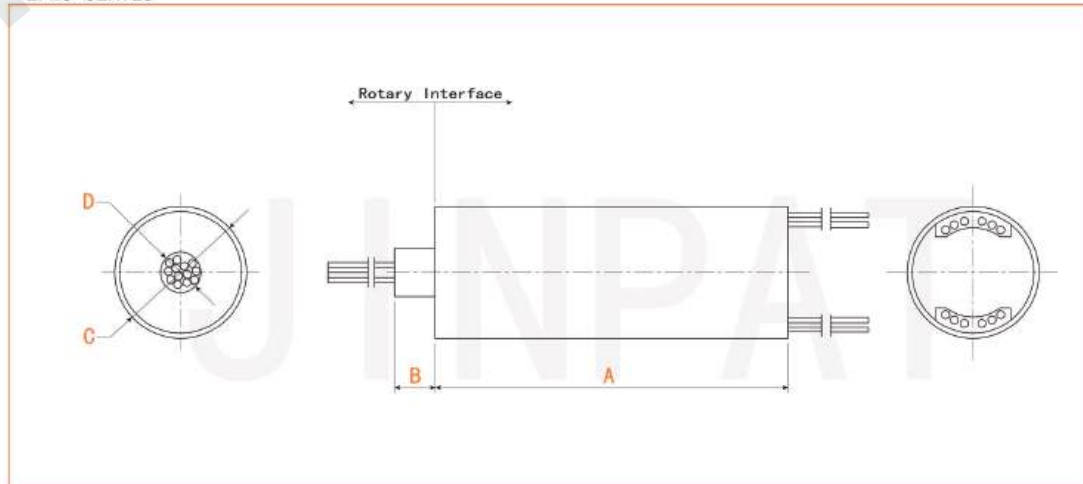
LPM SERIES



Rotating interface: The point where the rotating part meets the stationary part.

JINPAT

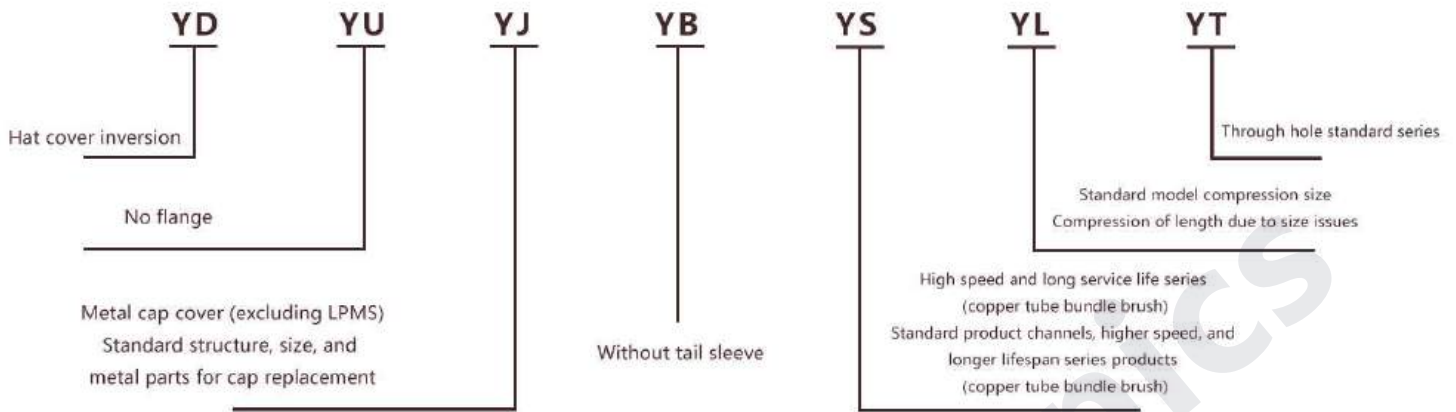
LPMS SERIES



Rotating interface: The point where the rotating part meets the stationary part.

● Model Description

Standard series YD/YU/YJ/YB/YS/YL/YT# Explanation



● Customization options

Note: The following special requirements can be customized, JINPAT most of the basic accessories are standardized, modular, non-standard customization can also greatly reduce the cost and delivery time.

- 1、 Customized rotor and stator outlet and outlet length
- 2、 Due to structural limitations, can be customized in accordance with the specified length or height or external diameter
- 3、 Yasukawa, Panasonic, Siemens and other servo system signals, power lines, and encoder lines mixed slip ring
- 4、 Mixed high-speed data transmission (including Ethernet, USB, RS232, RS485, Profibus, CanBUS, CANOPEN, DeviceNET, CANBUS, CANPUS). CANOPEN, DeviceNET, CC-LINK, ProPNET, EtherCAT and other types of industrial lines).
- 5、 Anti-shock, high temperature and other special environment customization
- 6、 Can be mixed with pneumatic, hydraulic rotary joints integrated pneumatic-electrical-hydraulic slip ring
- 7、 Military grade
- 8、 Waterproof, underwater mode optional, IP65, IP68 optional