

LM Capsule-Integrated Slip Rings



● Features

JINPAT LM Capsule-Integrated Series supports compressed air, vacuum, and various inert gas media. It integrates 6–24 electrical slip ring channels to enable simultaneous transmission of pneumatic paths and electrical/data signals.

Featuring an M5 interface and radial inlet/outlet structure, the product offers a compact size and low operating torque. It provides 1–24 pneumatic passages as options and supports customization of temperature, media, rotational speed, and IP rating parameters.

● Selection table

LM Capsule-Integrated Slip Rings

Model	Specification	Number of Passages	Port Size	Flow Orifice (mm)	Number of Circuits
LPPA-LM0101-0602	Φ40*Φ6*60.6	1 Inlet × 1 Outlet	M5	Φ3	6*2A
LPPA-LM0101-1202	Φ40*Φ6*68.4				12*2A
LPPA-LM0101-1802	Φ40*Φ6*74.9				18*2A
LPPA-LM0101-2402	Φ40*Φ6*84.3				24*2A
LPPA-LM0201-0602	Φ40*Φ6*59.6	2 Inlet × 2Outlet	M5	Φ3	6*2A
LPPA-LM0201-1202	Φ40*Φ6*77.4				12*2A
LPPA-LM0201-1802	Φ40*Φ6*83.9				18*2A
LPPA-LM0201-2402	Φ40*Φ6*93.3				24*2A

● Selection table

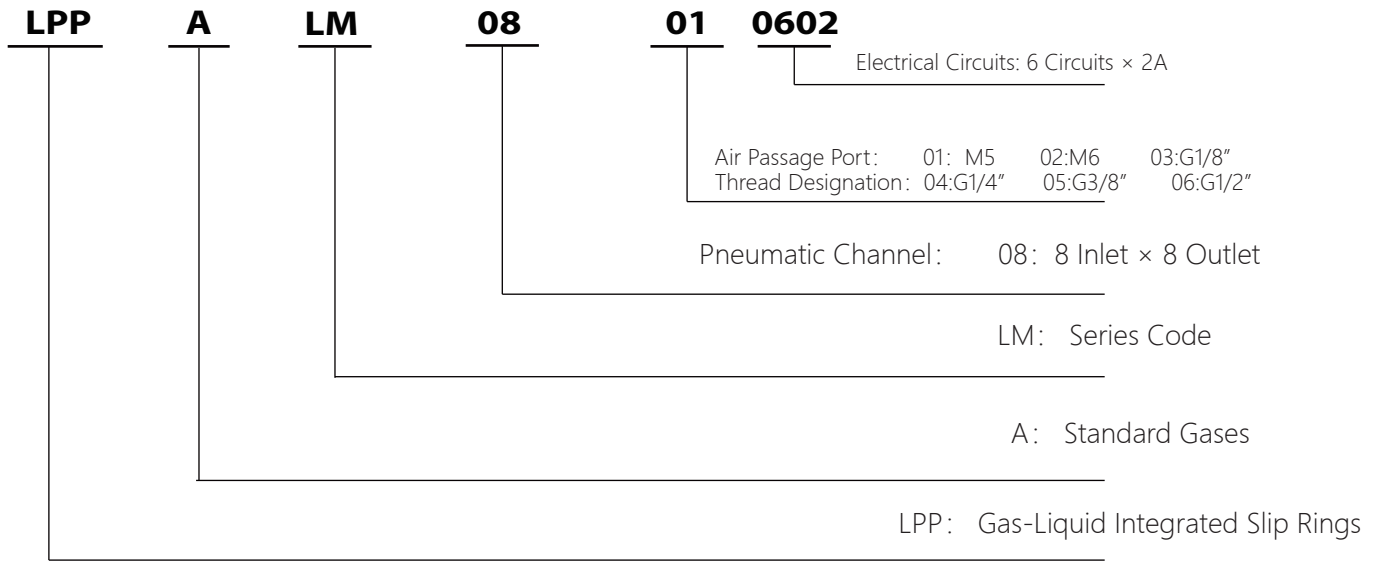
LM Capsule-Integrated Slip Rings					
Model	Specification	Number of Passages	Port Size	Flow Orifice (mm)	Number of Circuits
LPPA-LM0401-0602	Φ40*Φ6*87.6	4 Inlet × 4 Outlet	M5	Φ3	6*2A
LPPA-LM0401-1202	Φ40*Φ6*95.4				12*2A
LPPA-LM0401-1802	Φ40*Φ6*101.9				18*2A
LPPA-LM0401-2402	Φ40*Φ6*113.3				24*2A
LPPA-LM0601-0602	Φ40*Φ6*105.6	6 Inlet × 6Outlet	M5	Φ3	6*2A
LPPA-LM0601-1202	Φ40*Φ6*113.4				12*2A
LPPA-LM0601-1802	Φ40*Φ6*119.9				18*2A
LPPA-LM0601-2402	Φ40*Φ6*129.3				24*2A
LPPA-LM0801-0602	Φ40*Φ6*123.6	8 Inlet × 8Outlet	M5	Φ3	6*2A
LPPA-LM0801-1202	Φ40*Φ6*131.4				12*2A
LPPA-LM0801-1802	Φ40*Φ6*137.9				18*2A
LPPA-LM0801-2402	Φ40*Φ6*147.3				24*2A
LPPA-LM1001-0602	Φ40*Φ6*142.6	10 Inlet × 10Outlet	M5	Φ3	6*2A
LPPA-LM1001-1202	Φ40*Φ6*150.4				12*2A
LPPA-LM1001-1802	Φ40*Φ6*156.9				18*2A
LPPA-LM1001-2402	Φ40*Φ6*166.3				24*2A

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Model	Specification	Number of Passages	Port Size	Flow Orifice (mm)	Number of Circuits
LPPA-LM1201-0602	Φ40*Φ6*175.6	12 Inlet × 12 Outlet	M5	Φ3	6*2A
LPPA-LM1201-1202	Φ40*Φ6*183.4				12*2A
LPPA-LM1201-1802	Φ40*Φ6*189.9				18*2A
LPPA-LM1201-2402	Φ40*Φ6*199.3				24*2A
LPPA-LM1601-0602	Φ40*Φ6*220.6	16 Inlet × 16 Outlet	M5	Φ3	6*2A
LPPA-LM1601-1202	Φ40*Φ6*228.4				12*2A
LPPA-LM1601-1802	Φ40*Φ6*234.9				18*2A
LPPA-LM1601-2402	Φ40*Φ6*244.3				24*2A
LPPA-LM2401-0602	Φ40*Φ6*326.6	24 Inlet × 24 Outlet	M5	Φ3	6*2A
LPPA-LM2401-1202	Φ40*Φ6*334.4				12*2A
LPPA-LM2401-1802	Φ40*Φ6*340.9				18*2A
LPPA-LM2401-2402	Φ40*Φ6*350.3				24*2A

● Model Ordering Instructions:



● 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