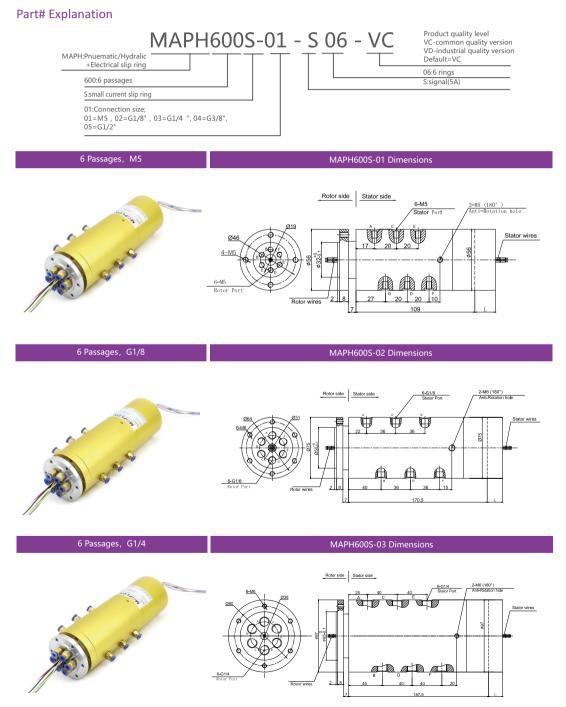
MAPH600S 6 Passages Fliud Electrical Slip Ring



MAPH600S is 6 passages Pneumatic /Hydraulic + 2~96rings Electrical Slip Ring. Connection size including: M5,G1/8", G1/4", G3/8",G1/2" and bigger on request. Electrical rings including power wire, signal wire,Ethernet, USB, Industrial BUS, control Net, and all kinds of sensitive signal, etc. Normally use flange for installation, hollow shaft intallation on request.

Media Types: Air/Gas, hydrogen, Nitrogen, Chemical, Water, Oil, etc.



Specifications

F	Rotary Union Specificatio	ns	Mechanical Data			
Parameter	Value		Parameter	Value		
Passage	6 passages		Working life	See Product Quality Level Table		
Max Pressure	3MPa; Vacuum 100KPa		Rotating Speed	See Product Quality Level Table		
Torque	depend on conection si	ze	Working Temperature	-30°C~80°C		
	Electrical Data			0~85% RH		
Parameter	Va	lue	Contact Material	Precious Metal		
	Power	Signal	Housing Material	Aluminium Alloy		
Rated Voltage	0~220VAC/VDC	0~220VAC/VDC	Protection Grade	IP51		
Insulation Resistance	≥100MΩ/220VDC	≥100MΩ/220VDC				
Lead Wires	AWG28#Teflon	AWG28#Teflon				
Lead Length	standard 300mm(adjus	table)				
Insulation Strength	500VAC@50Hz, 60s					
Electrical Noise	<0.01Ω					

Part# List

	MAPH600S-XX Pnuematic/Hydraulic			
	 XX=01,connection size=M5 Pipe s 	ize3~6mm		
	2) XX=02connection size=G1/8" Pipe :	size3~10mm		
	3) XX=03,connection size=G1/4" Pipe	size3~12mm		
Part#	Pnuematic/Hydraulic Passage			Length (mm)
MAPH600S-XX-S06	6 passages	0	6	19
MAPH600S-XX-S12	6 passages	0	12	26
MAPH600S-XX-S18	6 passages	0	18	33
MAPH600S-XX-S24	6 passages	0	24	43.6
MAPH600S-XX-S36	6 passages	0	36	57.3
MAPH600S-XX-S56	6 passages	0	56	85.7

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 and Signal(5A) can be combine in any way as you need.Max.ring:96 rings,can be customized based on standard slip rings.Please contact us.

Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Sealing Element		
VC	100RPM	10 Million Revs	Common Seals		
VD	300RPM	30 Million Revs	High-Quality Seals		

Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	RED	GRN	YLW	VLT	GRY	BLK	BLU	DK BL	BN	OG	WHT	OCH

(6 wires for 1 group color, from 7-12, repeat the same color as 1...6, indicated with number code pipe)

Options for custom slip ring

Note: Below special demands can be customized. According, the delivery date will be extended 3 to 15 days; also the cost will be increased 30% to 50%. Most of our basic parts are standard and modular, which can save the cost and lead time.

- 1 Cable exit way and cable length can be customized for both rotor and stator.
- (2) Because of the structure limitation, length/height/OD can be customized on your request.
- ③ Support current or signal up to 200 rings.
- ④ Aviation plug, terminal and heat-shrink tube are optional.
- (5) Hybrid slip ring for Yaskawa/Panasonic/Siemens servo control signal, power line and encoder line.

(6) Support mixed high speed data transmission (including Ethernet, USB, RS232, RS485, Profibus, CanBUS, CANOPEN, DeviceNET, CC-LINK, ProfiNET, EtherCAT, etc.)

- ⑦ Can combine temperature control signal with thermocouple signal.
- (8) Special environment can be customized, such as quakeproof, high temperature, etc.
- (9) Hybrid Pneumatic/hydraulic and electric slip ring can be mixed.
- 1 High temperature can up to 500 degrees.
- (1) High pressure can up to 110KV
- 12 Rotating speed can up to 10000RPM
- (13) Maximum current can up to 5000 amperes.
- (14) Military grade
- (15) Optional for underwater IP65, IP68.
- 16 Optional for stainless steel housing
- Technical support: technical@moflon.com