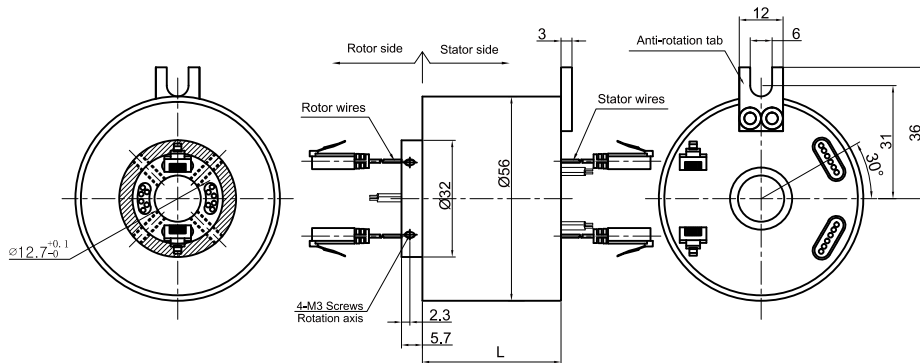


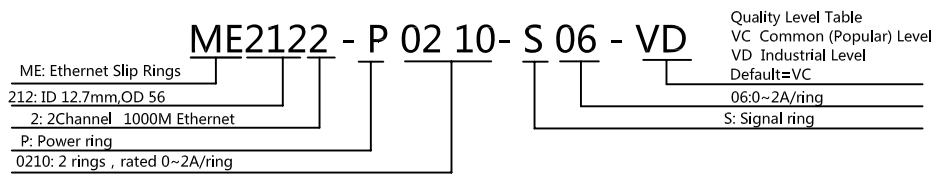
# ME2122 (100M/1000M BASET Ethernet)

## 2 channel 1000M Ethernet+ 1~16 power and signal channel

ME2122,support 2 channel 1000M base T Ethernet slip rings, with compact OD 22mm, ID 12.7mm , flange mounting, can transfer 100M/1000M Ethernet signal , which is stable , no packet loss , not string of code , small return loss , low insertion loss , Strong anti-jamming capability ,also Can mixed with electrical power and Signal channel , Military coating technology , Super low BER error rate and high signal to noise ratio.



### Part# Explanation



### Specifications

Ethernet Specification	
Parameter	Value
1000M	2 channel 1000M Ethernet
Connector	RJ45
BER Error rate	10E-11
Electrical Data	
Parameter	Value
	Power
Rated Voltage	0~440VAC/VDC
Insulation Resistance	≥1000MΩ/500VDC
Lead Wires	AWG16#Teflon
Lead Length	Standard 300mm
Dielectric Strength	500VAC@50Hz , 60s
Electrical Noise	<0.01Ω
	Signal
Rated Voltage	0~440VAC/VDC
Insulation Resistance	≥1000MΩ/500VDC
Lead Wires	AWG22#Teflon
Mechanical Data	
Parameter	Value
Working Life	See Product Quality Level Table
Rotating Speed	See Product Quality Level Table
Working temperature	-30°C~80°C
Operating Humidity	0~85% RH
Contact Material	See Product Quality Level Table
Housing Material	Aluminium Alloy
Torque	0.1N.m ; +0.03N.m/6 rings
Protection grade	IP51

## Part# List

ME2122 Series Ethernet Slip Ring											
Part#	1000M Ethernet	10A	20A	Signal 5A	Length ( mm )	Part#	1000M Ethernet	10A	20A	Signal 5A	Length ( mm )
ME2122-S02	2	0	0	2	71.5	ME2122-S14	2	0	0	14	105.2
ME2122-P0210	2	2	0	0	71.5	ME2122-P0410-S10	2	4	0	10	105.2
ME2122-P0420	2	0	4	0	88.4	ME2122-P0610-S08	2	6	0	8	105.2
ME2122-S08	2	0	0	8	88.4	ME2122-P1010-S04	2	10	0	4	105.2
ME2122-P0810	2	8	0	0	88.4	ME2122-S20	2	0	0	20	122
ME2122-P0210-S06	2	2	0	6	88.4	ME2122-S26	2	0	0	26	138.8
ME2122-P0410-S04	2	4	0	4	88.4	ME2122-S32	2	0	0	32	155.6

- 1 ) Welcome to ask for the Dimensions which marked "\*" symbol  
 2 ) 10A , 20A , 5A can be combined in any way , we'd pleased to help if need higher than 2A

## Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Contact Material
VC	150RPM	10 Million Revs.	Precious Metal
VD	600RPM	20 Million Revs	Gold-plated

## Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

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

## Option for custom slip ring

Note : Below special demands can be customized , Accordingly,the delivery date will be extended 3~15days , also the cost will be increased 30%~50%.Most of our basic parts are standard and modular ,customized greatly save the cost and time as well.

- ① The wiring method and 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 200rings of current and signal.
- ④ Aviation plug,Terminal and Heat-shrink tube can be selected.
- ⑤ Hybrid slip ring for Yaskawa/Panasonic /Siemens servo control signal,main power,encoder
- ⑥ Support mixed high speed data transmission ( including Ethernet,USB, Profibus , Ethercat , CANOPEN,CANBUS , RS232 , RS485 ) 。
- ⑦ Mix Temperature control signal and Thermocouple signal
- ⑧ Special environment customize for quakeproof and high temperature.
- ⑨ Hybrid Pneumatic/Hydraulic + electrica slip ring.
- ⑩ Max. Temperature :500°C.
- ⑪ Max.Voltage:110kV.
- ⑫ Max. rotating speed :10000RPM.
- ⑬ Max.current:5000A.
- ⑭ Military technology.
- ⑮ Options:Aqua mode , IP65 or IP68 .
- ⑯ Stainless steel Housing.

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