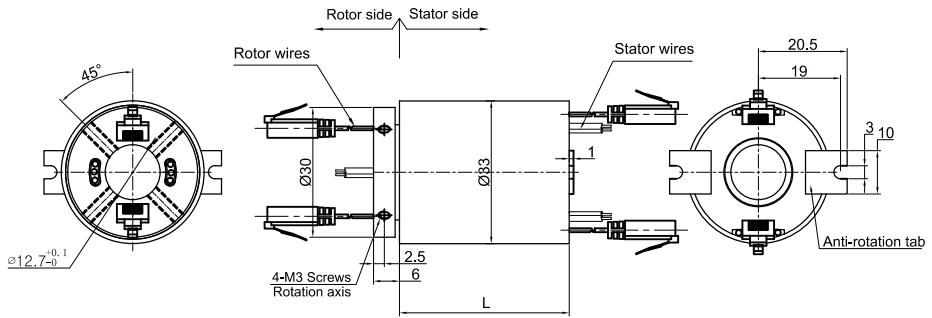


# ME2132 100M/1000M Ethernet Slip Rings

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

ME2132, support 2 channels 1000M ethernet slip rings, with through bore size 12.7mm(0.5"), overall diameter 33mm, are standard, off-the-shelf, Color-coded lead wires are used on both the stator and rotor for simplified electrical connections.



### Part# Explanation



### Specifications

Ethernet Specification			
Parameter	Value		
1000M Ethernet	2 channels 1000M Ethernet		
Connector	RJ45		
Bit Error Rate	10E-11		
Electrical Data			
Parameter	Value		
	Power	Signal	
Rated Voltage	0~440VAC/VDC	0~440VAC/VDC	
Insulation Resistance	$\geq 1000M\Omega/500VDC$	$\geq 1000M\Omega/500VDC$	
Lead Wires	AWG22#Teflon	AWG22#Teflon	
Lead Length	Standard 300mm(adjustable)		
Dielectric Strength	500VAC@50Hz , 60s		
Electrical Noise	<0.01 $\Omega$		
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

ME2132 Series Ethernet Slip Ring			
Part#	1000M Ethernet	Signal 5A	Length ( mm )
ME2132-S02	2	2	53
ME2132-S08	2	8	66.8

Note:1) N channels 5A rings parallel can be used as 1 channel N\*5A current. For example: 2 rings 5A parallel could be used as 1 wires 10A.  
2) Circuit number and current strength can be customized, please contact customer service for more details.

## Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Contact Material
VC	150RPM	20 Million Revs	Precious Metal
VD	600RPM	80 Million Revs	Gold-plated

## Lead Wires Color Code

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

(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 Bore diameter can be customized, 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.
  - ⑩ High temperature can up to 500 degrees.
  - ⑪ 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](mailto:technical@moflon.com)