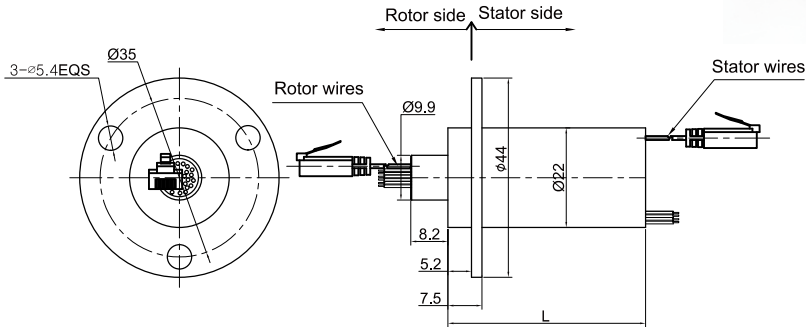


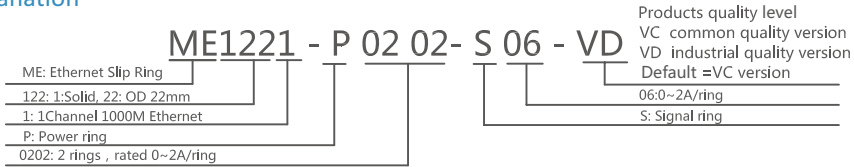
ME1221 100M/1000M Ethernet Slip Rings

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

ME1221, support 1 channel 1000M ethernet slip rings, with compact OD 22mm, flange mounting, 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			Mechanical Data	
Parameter	Value		Parameter	Value
1000M Ethernet	1 channel 1000M Ethernet		Working Life	See Product Quality Level Table
Connector	RJ45		Rotating Speed	See Product Quality Level Table
Ber Error Rate	10E-11		Working Temperature	-30°C~80°C
Electrical Data			Operating Humidity	0~85% RH
Parameter	Value		Contact Material	See Product Quality Level Table
	Power	Signal	Housing Material	Aluminium Alloy
Rated Voltage	0~440VAC/VDC	0~440VAC/VDC	Torque	0.1N.m, +0.03N.m/6 rings
Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC	Protection Grade	IP51
Lead Wires	AWG28#Teflon	AAWG28# Teflon		
Lead Length	Standard 300mm(adjustable)			
Dielectric Strength	500VAC@50Hz,60s			
Electrical Noise	<0.01Ω			

Part# List

ME1221 Series Ethernet Slip Ring				
Part#	1000M Ethernet	4A	Signal or 2A	Length (mm)
ME1221-S16	1	0	16	43.6
ME1221-P0304-S10	1	3	10	43.6
ME1221-P0604-S04	1	6	4	43.6
ME1221-S28	1	0	28	57.3

Note: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

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	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)