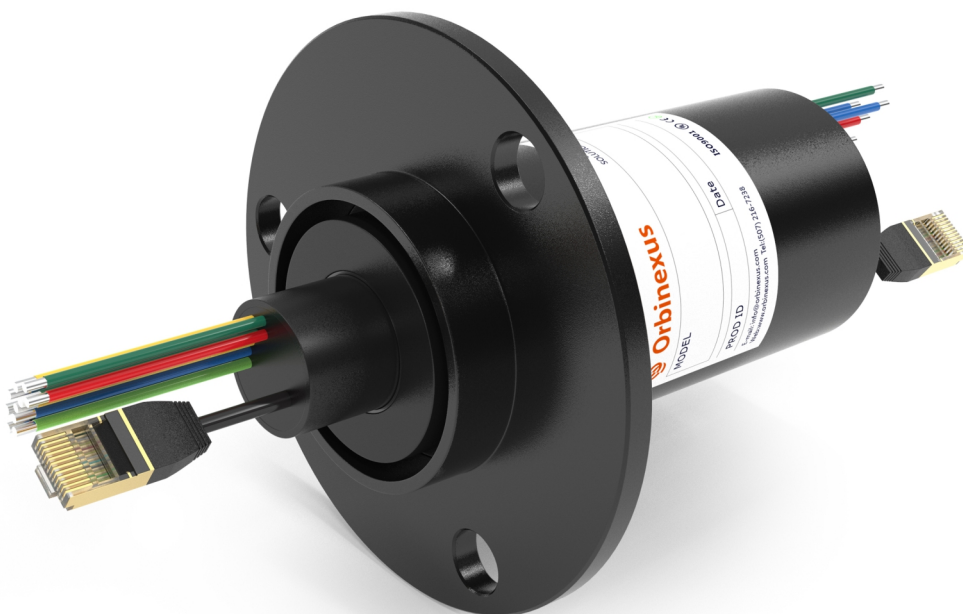


BXME1221 SERIES 100M/1000M Ethernet Slip Rings

1 channel 1000M Ethernet+ 1~27 power and signal channel

BXME1221, support 1 channel 100m/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.

Product images



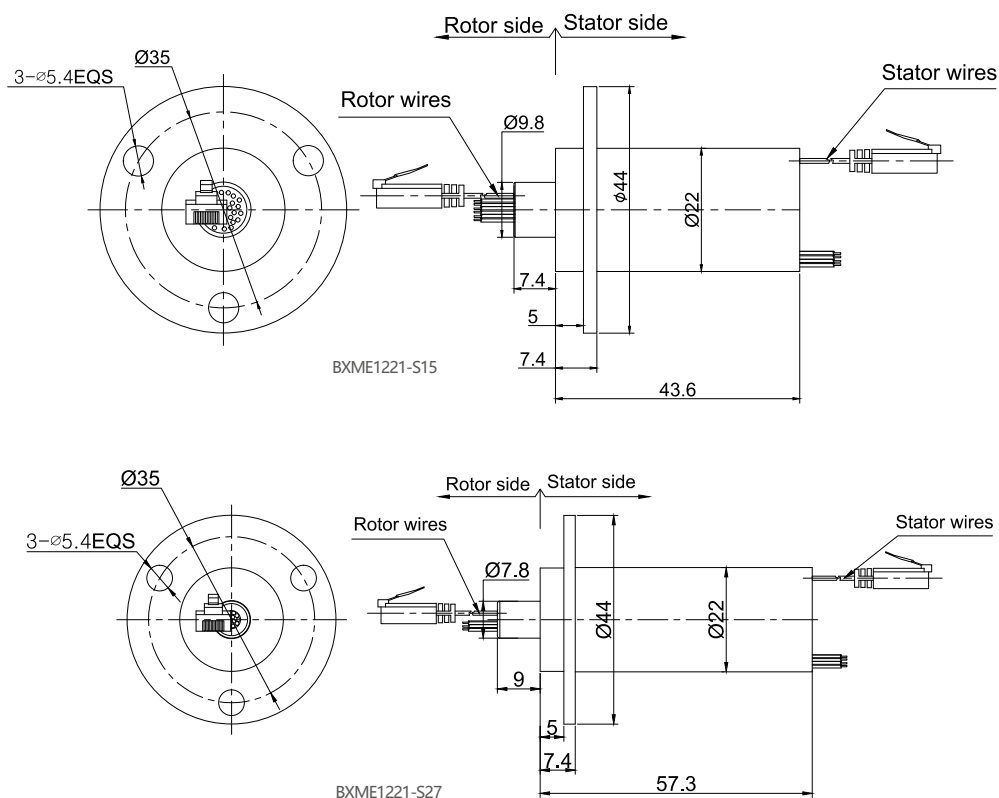
The pictures are for reference only

If there are changes in the appearance and size of the product, the actual product should prevail.

Part# Explanation

BX ME 122 1-P 0202-S 06-VD		Product quality level VC-common quality version VD-industrial quality version Default=VC
BX: Series code		
ME: Ethernet slip ring		06: 0~2A/ring
112: 1:Solid,2:OD 22mm		S: Signal ring
1: 1Channel 1000M ethernet (8 conductors + 1 shield circuit)		0202: 2Rings, rated 0~2A/ring
P:Power ring		

Dimensions



BXME1221 Series Ethernet Slip Ring

Parts#	1000M Ethernet	4A	Signal or 2A	Length(mm)
BXME1221-S15	1	0	15	43.6
BXME1221-P0304-S09	1	3	9	43.6
BXME1221-P0604-S03	1	6	3	43.6
BXME1221-S27	1	0	27	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

Mechanical Data

Project	Numerical value
Working Life	See Product Quality Level Table
Rotating Speed	See Product Quality Level Table
Working temperature	-30°C~80°C/-45°C~85°C (Military-grade Optional)
Operating Humidity	0~85% RH/0~97% RH (Military-grade Optional)
Contact Material	See Product Quality Level Table
Housing Materia	Engineering Plastic / Engineering Plastic + Aluminum Alloy
Torque	0.1N.m, +0.03N.m/6 rings
Protection Grade	IP51

Electrical Data

Project	Power	Signal
Rated Voltage	0~220VAC/VDC	0~120VAC/VDC
Insulation Resistance	≥100MΩ/220VDC	≥100MΩ/150VDC
Lead Wires	AWG28#Teflon	AAWG28# Teflon
Lead Length	Standard 300mm(adjustable)	
Insulating Strength	100VAC@50Hz,60s	
Electrical Noise	<0.01Ω	

Ethernet Specification

Project	Value
1000M Ethernet	1 channel 1000M Ethernet
Connector	RJ45(Male Connector)
Ber Error Rate	10E-11

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
Color	RED	GRN	YEL	PUR	GRY	BLK	BLU	RED
Ring	9	10	11	12	13	14	15	16
Color	BRN	ORN	WHT	TAN	WHT,RED	WHT,BLK	WHT,BLU	WHT,PUR
Ring	17	18	19	20	21	22	23	24
Color	WHT,BRN	WHT,GRN	WHT,ORN	WHT,YEL	WHT,GRY	BLK,RED	BLK,BLU	GRN,YEL

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