



EH50119-02 series 2 channels Gigabit Ethernet slip ring

2 channel Gigabit Ethernet+1~72 circuits power/signal;

Senring EH50119-02 series Gigabit Ethernet rotary joint,,with integrated structure, hole 50mm, OD 119mm,can tranmit 2 channels Gigabit Ethernet signal accurately when 360° roating,It can be combined to transmit 1~26 circuits power(current 2~20A) and USB ,HDMI or other kinds of signal.Compared with similar products on market, with advantages of reliable transmitting,no packet loss,no string code,low return loss, low insertion loss,etc.

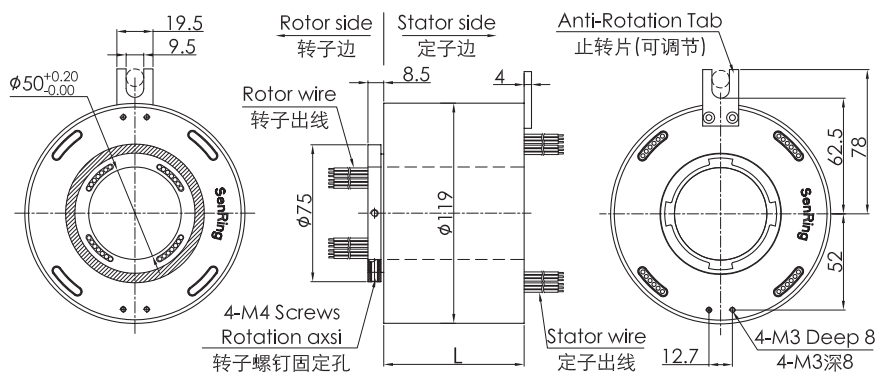
Part No. Description

EH50119 -	02	- power circuits -	signal circuits -	Product grade
E:100M/1000M Part no. description H means through hole H50119: ID 50mm, OD 119mm				C:standard D:industrial
Examples: 02:2 channels 100M/1000M baseT				Examples: 0610:6 circuits@10A 1210:12 circuits@10A

Examples

EH50119-02-06S : EH50119 means Gigabit Ethernet slip ring(hole size 50mm,OD119mm),02 means 2 channels Gigabit Ethernet,06S means 6 circuits signal;

EH50119-02-1210-02S : EH50119 means Gigabit Ethernet slip ring (hole size 50mm,OD119mm),02 means 2 channels Gigabit Ethernet,1210 means 12 circuits 10A each ,02S means 2 circuits signal;



Model List

Model	power/signal circuits no.			1000M Ethernet channels no.	length L(mm)
	0~2A	power(10A)	power(20A)		
EH50119-02-02S	2	0	0	2	100
EH50119-02-0210	0	2	0	2	100
EH50119-02-08S	8	0	0	2	124
EH50119-02-0820	0	0	8	2	124
EH50119-02-0410-04S	4	4	0	2	124
EH50119-02-14S	14	0	0	2	148
EH50119-02-1410	0	14	0	2	148
EH50119-02-20S	20	0	0	2	172
EH50119-02-26S	26	0	0	2	196
EH50119-02-32S	32	0	0	2	222
EH50119-02-56S	56	0	0	2	316

*Remark:Circuits can be combined in parallel for bigger current,N circuits of 10A to get N*10A,such as 2 circuits of 10A in parallel for 20A use. if you need customize the channel no. of Ethernet,power and signal,or mix other signals,pls contact the SenRing salesman.

Technical Specification of the slip ring

Ethernet	2channels 100M/1000M baseT	connectors	Rj45	
Mechanical Data		Electrical Data		
spec	data	spec	data	
working life	refer to slip ring grade table		power	signal
Rotating speed	refer to slip ring grade table	voltage range	0~440VAC/VDC	0~440VAC/VDC
working temp.	-30℃~80℃	insulation resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC
work humidity	0~85%RH	lead wire spec.	AWG17# Silver-plated teflon	AWG22# Silver-plated teflon
contact material	refer to slip ring grade table			
housing material	aluminum alloy	lead wire length	standard 300mm (can be customized)	
torque	0.1N.m;+0.03N.m/6 circuits	Dielectric Strength	500VAC@50Hz,60s	
IP grade	MIL-STD-810E	Electrical noise	<0.01Ω	
certificate	RoHS certificate	CE certificate	Yes	

Grade code

Grade code	Max rotating speed	working life	contact material
C:standard	400RPM	20 millions	precious metal
D:industrial	800RPM	60 millions	gold-gold

Color Code of Lead Wire

ring #	1	2	3	4	5	6	7	8	9	10	11	12
color	BLK	BRN	RED	ORG	YEL	GRN	BLU	PUR	GRY	WHT	PINK	LGT BLU

ring#	13	14	15	16	17	18	19	20	21	22	23	24
color	WHT/BLK	WHT/BRN	WHT/RED	WHT/ORG	WHT/YEL	WHT/GRN	WHT/BLU	WHT/PUR	WHT/GRY	BLK/RED	BLK/BRN	Transparent

Remark: "1" : the first wire from rotor side , EH50119-02-06S wire color sequence: BLK/BRN/RED/ORG/YEL/ GRN , 24 color wires as one group , if more than 24wires, repeat as sequence , use number tube to tell group 1#, 2#....