

ECN050

Through hole slip ring

A slip ring is also called a rotary electrical joint, collector, commutator or swivel. ECN050 provides an economical, readily available solution when a compact through bore configuration is required. This unit provides 50mm through bore for routing hydraulic or pneumatic lines and a compact 119mm outside diameter for minimal space applications. Circuits number are available in 6, 12, 18 & 24 rings configurations in 4 housing lengths.

Features


- ◆ Inner bore size 50mm
- ◆ Precious metal contacts
- ◆ Stable transmission
- ◆ IP grade up to IP68

Applications

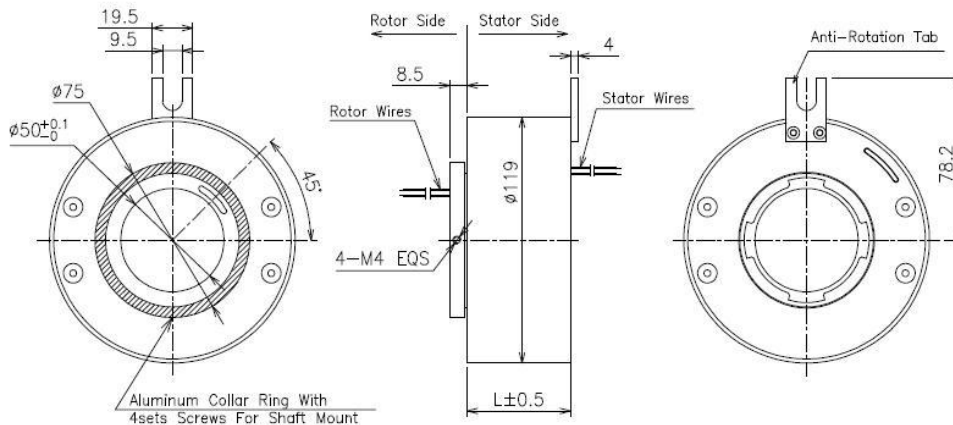
- ◆ Wrapping machinery
- ◆ Industrial equipment
- ◆ Exhibit Display machinery
- ◆ Oil well drilling

Optional

- ◆ Through hole size
- ◆ Current & ring numbers
- ◆ Signal type
- ◆ IP protection grad

ECN050	Specification	Picture
Circuits number	6, 12, 18, 24 or more	
Current rating	5A, 10A, 15A, 20A, 25A, 30A	
Inner bore size	50 mm	
Voltage	380VAC/VDC	
Electrical noise	100 milliohms max	
Operating speed	0-300 rpm or higher	
Contact material	Precious metal	
Housing material	Aluminum alloy	
IP grade	IP54	
Working temperature	-20°C ~ +60°C	

Outline Drawing



Length (mm)				
Current	6 circuits	12 circuits	18 circuits	n circuits
5A	50	69.8	89.6	$32+n*1.5+(n-1)*1.8$
10A	54.2	78.2	102.2	$32+n*2.2+(n-1)*1.8$
15A/20A	59	87.8	116.6	$32+n*3+(n-1)*1.8$
25A/30A	68	105.8	143.6	$32+n*4.5+(n-1)*1.8$