CENO Electronics Technology Co.,Ltd

ECN025-06P1-06P2-02EG Ethernet slip ring

Slip rings can be used in any electromechanical system that requires unrestrained, continuous rotation while transferring power or data from a stationary to a rotating structure.CENO Ethernet slip ring transmission distance could up to1000Mbps,or over this speed.It could integrate another current and different signal into one slip ring according customer's requirement.Transmit stably,no package loss,no cross talk,low loss.RJ45 connector is available.No interference between power and signal, comply with EMC compatibility.Inner diameter can be customized from 3mm to 980mm,the through hole can pass through the drive shaft, gas-liquid passage,it also can integrate with high frequency,fiber,encoder, wave guide, gas and liquid and other joints.

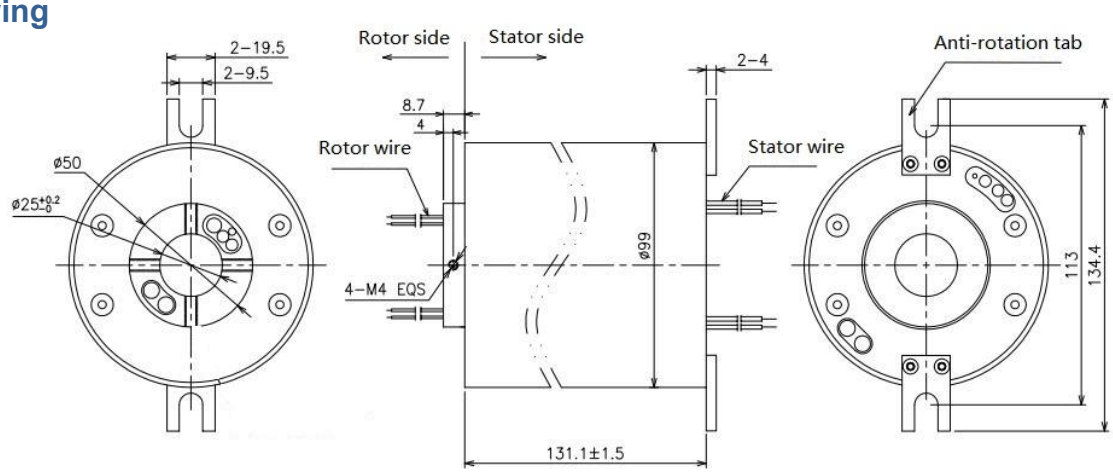
Features
- Working speed 300 rpm
- 1000M Ethernet signal
- Inner diameter 25.4mm
- Power integrated signal

Applications
- Radar system
- Construction machinery
- Oil well industry
- Display equipment

Optional
- Circuits number
- IP protection grade
- Inner bore size
- Signal type & current rating

ECN025-06P1-06P2-02EG	Specification	Picture
Circuits & Current	6*10A,6*5A,2*1000M Ethernet	
Voltage	0~380VAC/VDC	
Dielectric strength	≥1000V@50Hz (power) ≥500V@50Hz (signal)	
Insulation resistance	≥500MΩ@500VDC (power) ≥100MΩ@100VDC (signal)	
Electrical noise	≤ 70mΩ (50 rpm)	
Operating speed	0-300 rpm	
Contact material	Precious metal/ Gold to gold	
Housing material	Aluminum alloy	
IP grade	IP54	
Working temperature	-20°C~+60°C	
Inner diameter size	25.4 mm	

Outline Drawing



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