

ECN000-05P2-05S-04R

Power/signal+RF rotary joint

CENO uses import high elastic wear-resisting material in the internal key contact point of the RF rotary joint and do special plating in the surface for it. It is a connector device to transmit high frequency signal from the static to rotating part. ECN000-05P2-05S-04R integrates current, signal & 4 channel RF rotating joints together for the radar industry. Its current can reach up to several hundred amps, the signal type could cover all types according to the application need, the frequency of high-frequency joints is from DC to 50GHz, and the the channel could up to five channels.

Features

- ◆ Anti-interference ability
- ◆ Compact structure
- ◆ Stable transmission
- ◆ 4 channels RF joints

Applications

- ◆ High definition network
- ◆ Satellite communication
- ◆ Military industry
- ◆ Radar antennas

Optional

- ◆ Circuits number
- ◆ Frequency range
- ◆ Interface type
- ◆ IP protection grade

ECN000-05P2-05S-04R	Specification	Picture
Circuits	4*10A,4*1A,4*RF	
Voltage	0-440VAC/VDC	
Electrical noise	≤30mΩ(50rpm)	
Dielectric strength	≥1000V@50Hz (power) ≥300V@50Hz (signal)	
Insulation resistance	≥500MΩ@500VDC (power) ≥100MΩ@100VDC (signal)	
Operating speed	0~60 rpm	
Contact material	Precious metal	
Housing material	Aluminium alloy +stainless steel	
IP protection grade	IP65	
Interface type	SMA -f connector	
Frequency range	DC to 900MHz	
Insertion loss	<0.4 dB	
VSWR	<0.1	

Outline Drawing

