

ECN000-03P3-01F Power+ fiber optic rotary joint

Fiber optic rotary joint, also known as fiber optic slip ring, fiber optic rotary connector, optical hinges, etc. This slip ring adopts optical fiber as media for transmitting data, providing the best technical solution for elements of system to transmit data when rotating. It is especially suitable for equipments that require unlimited, continuous or intermittent rotation and transmit large capacity of data and signals from stationary position to rotary position, optical fiber joint include sigell-mode and multimode with diverious channel from signal channel to dozens of channel. This kind of integrated slipping gets well performance and various function, then it is widely used in option electric crane. ECN000-03P3-01F integrated 3 rings power & 1 group of SM fiber optic, electrical noise is 30mΩ under working speed 50 rpm, flange installation.

Features


- ◆ Power integrated fiber optic
- ◆ Wavelength 1310/1550nm
- ◆ Fiber type SM
- ◆ Stable transmission

Applications

- ◆ Military applications
- ◆ Radar antennas
- ◆ Offshore applications
- ◆ Harsh environments

Optional

- ◆ Circuits number
- ◆ IP protection grade
- ◆ Fiber optic type
- ◆ Signal type & current rating

ECN000-03P3-01F	Specification	Picture
Circuits & Current	3*15A, 1 group fiber optic	
Voltage	0~400VDC	
Dielectric strength	≥1000V@50Hz	
Insulation resistance	≥500MΩ@500VDC	
Operating speed	0-300 rpm	
Contact material	Precious metal	
Housing material	Aluminum alloy	
IP grade	IP51	
Wave length	1310/1550nm	
Fiber type	SM	
Connector	FC-APC/FC-APC	

Outline Drawing

