

ECN000-02P-04S-01F-IP66

Power/Signal + Fiber optic rotary joint

ECN000-02P-04S-01F-IP66 is a fiber optic rotary joint (FORJ), it's also meet waterproof grade IP66. Fiber optic is designed for the most demanding requirements and tested for those rugged environment and superb optical performance. All of materials and components have been selected to ensure the highest reliability in extreme conditions, including shock & vibration, working temperature, working humidity and dust. The design of these FORJ has proven performance records in both industrial & military industry. Also the package can be configured to fit the customer's specific need. FORJ are available in single and multi-channel options. The most cost and size efficient options are the single and dual channel design. If more than two fibers are present in a system, multiplexing solutions are available to combine multiple channels onto one or two fiber to allow the use of a one or two channel FORJ.

Advantages


- ◆ Power integrated fiber optic
- ◆ Waterproof IP66
- ◆ SC type connector
- ◆ 850/1310nm wavelength

Applications

- ◆ Marine Population Systems
- ◆ Remotely Operated Vehicles
- ◆ Radar Antennas
- ◆ Material Handling Systems

Optional

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

ECN000-02P-04S-01F-IP66	Specification	Picture
Circuits & Current	2*100mA, 4*20mA, 1*Fiber optic	
Voltage	0~200 VAC/VDC	
Electrical noise	Max 30mΩ (50rpm)	
Dielectric strength	≥500V@50Hz	
Insulation resistance	≥100MΩ@100VDC	
Operating speed	0-50 rpm	
Contact material	Precious metal	
Housing material	Aluminium & stainless steel	
IP protection grade	IP66	
Wave length	850/1310nm	
Fiber channel	1channel MM	
Connector type	SC	

Outline Drawing

