

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

Waterproof slip ring

This is a customized slip ring with power, signal, fiber optical, it's also a waterproof slip rings. designed specifically for underwater operation and waterproof work. According to working environment, the waterproof slip ring could be divided into multiple protection grade, such as IP65, IP66, IP67, IP68 and so on. With stable performance and low torque, working temperature is $-20^{\circ}\text{C} \sim +80^{\circ}\text{C}$. The inner diameter can be customized from 3 mm to 980mm. Any special request please contact with CENO, we will provide the best solution.

Advantages


- ◆ IP67, IP68 are optional
- ◆ Precious contacts
- ◆ Long service life
- ◆ Integrate fiber Optic

Applications

- ◆ Filling machine
- ◆ Drilling platform
- ◆ Oil well
- ◆ Ship offshore equipment

Optional

- ◆ Through hole size
- ◆ Current rating
- ◆ Signal integrated
- ◆ IP protection grade

| ECN000-02P-04S-02F- IP66 | Specification | Picture |
|--------------------------|---|---|
| Circuits & Current | 2*2A, 2*20mA, 2*Fiber optic |  |
| Voltage | 500VAC (power) 24VDC (signal) | |
| Electrical noise | Max 30mΩ (50rpm) | |
| Dielectric strength | $\geq 1500\text{V}@50\text{Hz}$ (power) $\geq 300\text{V}@50\text{Hz}$ (signal) | |
| Insulation resistance | $\geq 500\text{M}\Omega@500\text{VDC}$ (power) $\geq 100\text{M}\Omega@100\text{VDC}$ (signal) | |
| Operating speed | 0-50 rpm | |
| Contact material | Precious metal | |
| Housing material | Aluminium alloy, stainless steel | |
| IP protection grade | IP66 | |
| Fiber channels | 2 channels (SC connector) | |
| Fiber type | SM & MM | |
| Wave length | 1310/1550 nm (SM) 850/1310 nm (MM) | |

Outline Drawing

