

ECN000-08P3-32S

Customized slip ring

It's a customized slip ring with solid bore used to transfer power, control circuits or data from stationary inlets to rotating outlets. This type solid through bore slip ring with 8 rings *16A & 32 rings * signal, compact structure. working temperature range from -30°C ~ $+80^{\circ}\text{C}$. It's also can integrate various signals such as fiber optic, HDMI, USB, Ethernet, Canbus, servo signals. Through bore size and IP protection grade can be optional. Typical application including packaging machine, Military industry, Marine industrial equipment, Automatic winding machine, Lithium battery equipment, Industrial automation equipment.

Advantages


- ◆ High-performance
- ◆ Low torque, smooth rotation
- ◆ 360 degree connection
- ◆ Easy to install

Applications

- ◆ Marine applications
- ◆ Display equipment
- ◆ Lithium battery equipment
- ◆ Medical machine

Optional

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

| ECN000-08P3-32S | Specification | Picture |
|-----------------------|---|--|
| Circuits & Current | 8*16A, 32* signal |  |
| Voltage | 0~300VAC/VDC | |
| Electrical noise | Max 30mΩ (50rpm) | |
| Dielectric strength | $\geq 1000\text{V}@50\text{Hz}$ (power) $\geq 500\text{V}@50\text{Hz}$ (signal) | |
| Insulation resistance | $\geq 500\text{M}\Omega@500\text{VDC}$ (power) $\geq 300\text{M}\Omega@100\text{VDC}$ (signal) | |
| Operating speed | 0-100 rpm | |
| Contact material | Precious metal | |
| Housing material | Aluminium alloy | |
| IP protection grade | IP51 | |
| Through hole size | Solid bore | |

Outline Drawing

