

## ECN038-04P2-03EM

## Ethernet slip ring

Slip ring is designed to use to transmit power, signal or data, pneumatically or hydraulically from a stationary to a rotating platform. It also can be defined to something that goes around an axle like a collar that has 2 ports on it, the inside port rotates independent of the outside one, so that it is possible to attach a motor or sensor on a rotating platform without the wire winding. ECN038-04P2-03EM with compact size, stable electrical and signal performance, low friction and torque, thicker precious metal plate, longer life. Can be apply for automatic machines which require rotating transfer electric/signal/gas/liquid, solve wire winding problems. We can make customized slip ring to rotating transfer RS485/232/422, CANBUS, Profibus, CC-link, USB2.0, Gigabit Ethernet etc.

### Advantages


- ◆ Compact inner structure
- ◆ Ethernet integrated power
- ◆ Standard hole size 38.1mm
- ◆ High performance

### Applications

- ◆ CCTV applications
- ◆ Offshore applications
- ◆ Marine applications
- ◆ Wrapping machines

### Optional

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

ECN038-04P2-03EM	Specification	Picture
Circuits & Current	4*10A,3*100M Ethernet,1*PE	
Voltage	0~380VAC/VDC	
Dielectric strength	≥1000V@50Hz (power) ≥300V@50Hz (signal)	
Insulation resistance	≥500MΩ@500VDC (power) ≥100MΩ@100VDC (signal)	
Operating speed	0-300 rpm	
Contact material	Precious metal	
Housing material	Aluminium alloy	
IP protection grade	IP54	
Through hole size	38.1 mm	
Working temperature	-20° C ~ +60° C	
Cable length	5000mm / 3000mm	

### Outline Drawing

