

## ECN055-03P3-12S

# Through hole slip ring

Slip rings of the ECN series have the characteristics of precious metal contact and a long service life up to 230 million turns. Furthermore, they are water-proof, pressure-proof, and vibration resistant. Customizable lead wires and connectors support any plug-in including flying lead. The through bore can be used to routing hydraulic pneumatic passages as it can integrate pneumatic hydraulic rotary joints, high-frequency rotary joints and fiber optic rotary joints to meet more technical challenges. ECN055-03P3-12S is a customized through bore slip ring with 55mm inner bore. ECN series is a family of robust through bore slip rings, with a central hole up to  $\varphi$ 980mm, designed and manufactured by CENO with patented technology.

### **Advantages**

Signal & Data Compatible

#### Outer diameter 99mm

- Long cable length
- Shaft mounting

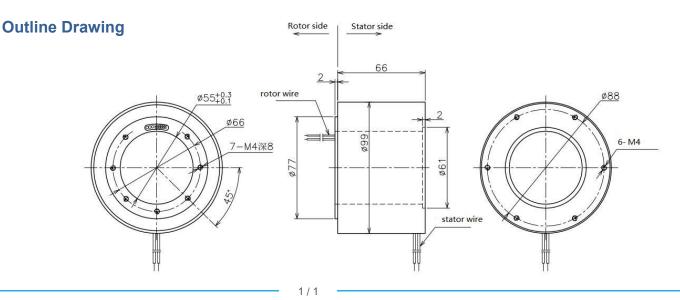
Applications		
	Robot arms	

- Radar antennas
- Military industry
- Packaging machine

### Optional

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

ECN055-03P3-12S	Specification	Picture
Circuits & Current	3*15A,12*5A (signal)	
Electrical noise	Max 10mΩ	
Dielectric strength	≥1000V@50Hz (power) ≥500V@50Hz (signal)	
Insulation resistance	≥500MΩ@1000VDC (power) ≥200MΩ@500VDC (signal)	
Operating speed	0-50 rpm	
Contact material	Precious metal	
Housing material	Aluminium alloy	
IP protection grade	IP54	
Working temperature	-40° C ~ +70° C	
Through bore size	55 mm	



www.ceno360.com Tel: +86(755) 23420945 sales@ceno360.com Fax:+86(755)23420749