

ECN038-02P-02S

Thermocouple slip ring

It's a K type thermocouple slip ring integrated 2 channels for 30A power transmission, Inner bore size is 38.1mm, CENO can provide different solutions according to customer's requirements, inner bore size can be choose from 3mm to 980mm. Thermocouple works based on thermoelectric effect. And the law of intermediate conductor is to connect an intermediate conductor in the circuit, which has no effect on the general circuit if the temperature of two sides of the conductor remains the same. CENO thermocouple slip ring is usually to be applied on chip mounter, automation machinery and agitator in chemical engineering. It has features with simple assembly, easy replacement, wide temperature measurement range from -270°C to +2800°C, high measurement precision and thermalcouple type is optional.

Features


- ◆ K type thermocouple
- ◆ Through bore size 38.1mm
- ◆ Working speed 250rpm
- ◆ Temperature upto 200° C

Applications

- ◆ Filling machine
- ◆ Automation Equipment
- ◆ Electric heating equipment
- ◆ Wrapping machines

Optional

- ◆ Circuits number
- ◆ IP protection grade
- ◆ Temperature range
- ◆ Signal type & current rating

ECN038-02P-02S	Specification	Picture
Circuits & Current	2*30A, 2*K type thermocouple	
Voltage	0~250VAC	
Dielectric strength	≥800VAC@50Hz (power) ≥100VAC@50Hz (signal)	
Insulation resistance	≥500MΩ@500VDC (power) ≥100MΩ@100VDC (signal)	
Electrical Noise	Max 30 mΩ (50 rpm)	
Operating speed	0-250 rpm	
Contact material	Precious metal	
Housing material	Aluminum alloy	
Through bore size	38.1mm	
IP grade	IP51	
Working temperature	-40°C~ +200°C	

Outline Drawing

