

FCN0231G-38

Fiber optic rotary joint

FCN series is a family of fiber optic rotary joints manufactured by CENO. Such rotary unions feature optic fiber as the media for data transmission. FCN0231G-38 is a multi-channel fiber optical slip ring, which can contain 2 to 31 channels fiber optical. We can choose single mode or multi mode fiber or single mode and multi mode mixed use. It has good optical performance and is waterproof and dustproof function, waterproof grade can be up to IP65, IP67, IP68 or more higher. The installation volume is only 38mm, which is the smallest diameter of the fiber optical slip rings currently, it is very suitable for equipment with small installation space.

Features

- ◆ Fiber channel up to 31
- ◆ Wavelength 850-1550nm
- ◆ Easy to integrate power
- ◆ Maintenance free

Applications

- ◆ Medical OCT
- ◆ Packaging machine
- ◆ Offshore applications
- ◆ High-definition camera

Optional

- ◆ Channel number
- ◆ IP protection grade
- ◆ Fiber optic type
- ◆ Connector type

FCN0231G-38	Specification	Picture
Fiber channel	2-31 channels optional	
Wavelength	850nm -1550nm (SM/MM)	
Bandwidth	+/- 50nm	
Insertion loss	<3.5dB	
Pulling force	≤12N	
Operating speed	0-300 rpm	
Return loss	≥40dB	
Weight	620 g	
Housing material	Stainless steel	
IP grade	IP54 (IP65、IP67 optional)	
Vibration shock standard	GJB150	
Connector	ST,FC,SC,LC	

Outline Drawing

