



# FO400 series 4 channels Fiber-Electric slip ring

4 channels fiber(support single mode/multi-mode). Suitable for some applications which requires to keep 360° unrestricted, continuous or intermittent rotating and transmit mass data/signal from static side to rotation side, which can improve mechanical performance, simplify system operation and avoiding damages to fiber.

## Part No. Description

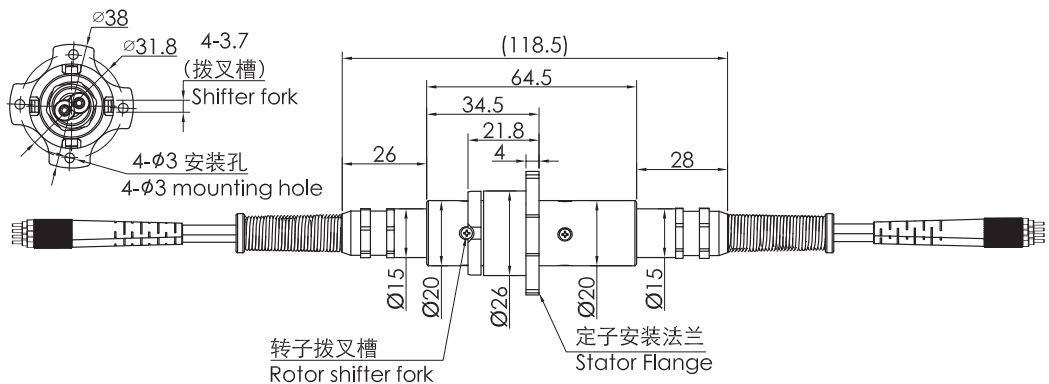
FO400	Fiber type	Connector type	wavelength
FO400:four channels Fiber optic rotary joint			Wavelength : 01:1310/1550 (Single mode) 02:850/1310 (multi mode)
Fiber type code : 01:9/125um(Single mode) 02:50/125um(multi mode) 03:62.5/125um(multi mode)		Connector type code : FC:FC connector ST:ST connector SC:SC connector LC:LC connector t connector interface is PC by default, if need APC FC/APC pls add APC,as FC/APC	

## Examples

FO400-01-FC-01: FO400 means 2 Channels Fiber Optic rotary joint, the first 01 means Fiber type 9/125um(single mode) , FC means FC connector, fiber interface PC, the second 01 means wavelength :1310/1550;

FO400-03-LC/APC-02: FO400 means single channel Fiber-Electric rotary joint, 03 means Fiber type 62.5/125m(multi-mode), LC/APC means LC connector, APC interface , 02 means wavelength :850/1310;

\*Remark: If you have special requirements for fiber channel no., electric circuit no., Fiber connector type, wavelength or wire exiting, pls contact SenRing salesman.



## Technical Specification of the slip ring

item	type	Single mode (SM)	multi mode (MM)
Bandwidth(nm)			± 50
Max insertion Loss, 23°C(dB)		4	3.5
Insertion loss fluctuation(dB)		≤ 2	≤ 1
Return loss(dB)		≥ 50( APC)	≥ 40( PC)
max power(W)		0.5	
Max speed(rpm)		400	
Working life		>20 million	
Work Temperature(°C)		-20~60	
Storage temperature(°C)		-50~85	