

FO100B Single Channel Fiber Optic slip ring



1 channel fiber(support single mode/multi-mode),suitable for devices need to unlimited,continuous or intermittent rotation and transmit large capacity data or signal from stator side to rotor side.With the advantages of improving mechanical performance, simplifying system operation and avoiding damages to fiber optic caused by rotation of movable joints.

Part No. Description

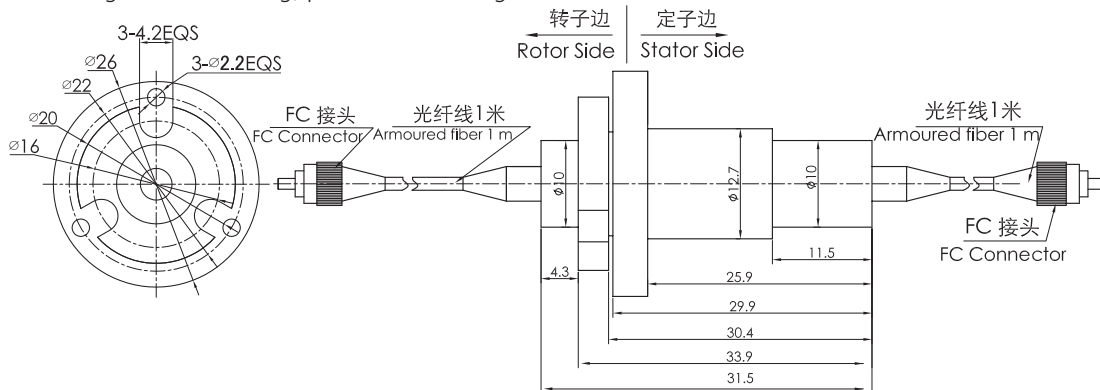
FO100B	- Fiber type	- Connector type	- wavelength
FO100B:signal channel Fiber optic rotary joint appearance in type B			Wavelength : 01:1310/1550 (Single mode) 02:850/1310 (multi mode)
Fiber type code : 01:9/125um(Single mode) 02:50/125um(multi mode) 03:62.5/125um(multi mode)		Connector type code : FC:FC 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

FO100-01-FC-01: FO100 means Single Channel 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;

FO100-03-LC/APC-02: FO100 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)		1.2	0.7
Insertion loss fluctuation(dB)		≤0.6	≤0.4
Return loss(dB)		≥55(without connector)	≥40(without connector)
max power(W)		0.5	
Max speed(rpm)		2000	
Working life		>200million	
Work Temperature(°C)		-20~60	
Storage temperature(°C)		-50~85	
IP grade		IP54	