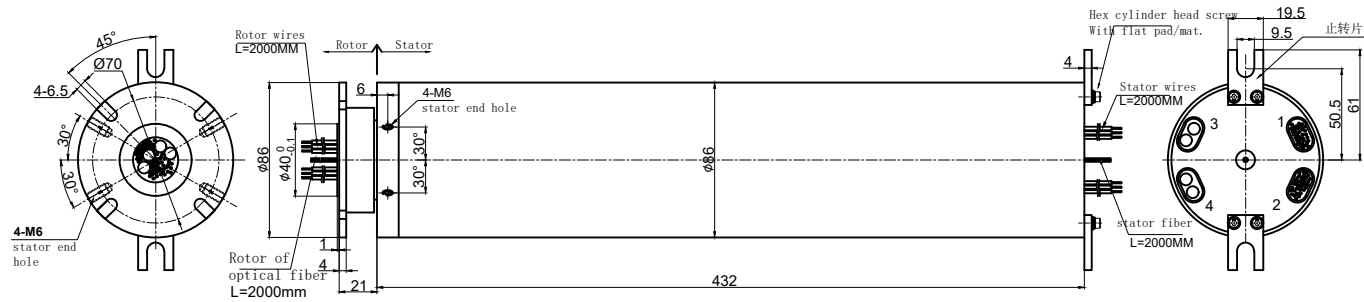


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Optical fiber technology parameters	
Optical fiber	1 road single-mode fiber (9/125 μm)
wavelength	1310nm-1550nm
Insertion loss	< 1.2 db
Return loss	> 55 db
connector type	FC
Temperature	-30° C ~ + 80° C
length of the fiber	Rotor side: 2000 mm (including joint) stator side: 2000 mm (including joint)

Electrical Specification

1 Rings	107	2 Current	Power module: 16 rings ,5A/ring
2 Voltage	0-300VAC/VDC		Signal module:
3 Insulation Resistance	500MΩ@1000VDC		82 rings signal(2A)+
4 Electrical noise	Max.10mΩ;		1 channel 1000M Ethernet signal
5 Dielectric strength	800VAC@50Hz;60S		

Mechanical Specification

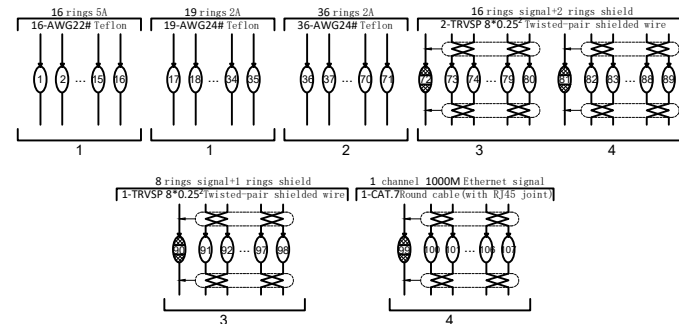
6 Speed	0~10RPM;	7 Torque	Max.0.5 N.M.;
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Environmental adaptability

9 Working temperature	-30°C~+80°C	10 Storage temperature	-30 ~+80
11 humidity	85±3%(30°C+5°C)		
12 Rush	40g, 11ms, Half sine wave, Vertical direction 3 times, Level 3times		
13 IP Class	IP51		

Material/Attachment

14 Contact Material	noble metal	15 Housing material	ALL Alloy
16 Lead wire	Rotor: 2000MM(See wiring diagram) Stator: 2000MM(See wiring diagram)		



UNLESS OTHERWISE SPECIFIED		TOLERANCES (EXCEPT AS NOTED)		16 rings 5A+ 82 rings signal(2A)+ 1 channel 1000M Ethernet signal			
1.ALL DIMENSIONS ARE IN MM HES BREAK SHARP EDGES & DEBURR		DECIMAL X±.1		MODEL	RFO109-P1605-S82-IE		
2.MATERIAL & FINISH TO BE AS NOTED OR SUBSTITUTED WITH AN APPROVED AND TESTED EQUIVALENT		XX±.03			SIZE	A	
FILLETS R.015		XXX±.005			RE V.	A / 0	
FINISH		THIRD ANGLE PROJECTION		FRACTIONAL ±1/16	SCALE	1:1	
ANGULAR ±1°		ANGULAR ±1°		DWG.NO	FSD	DATE	2022-11-09
				UNIT	mm		