Features:

Digital closed loop mode

Zero bias stability: 0.008-0.08º/h

Volume Φ98mm×38mm

Typical application:

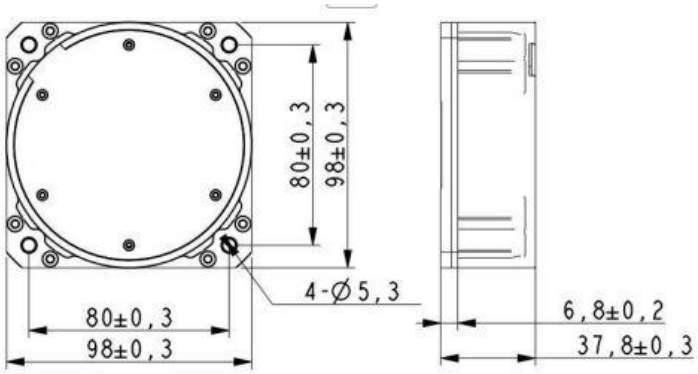
Precision north

High precision inertial navigation system

Car positioning orientation

Typical technical indicators:

Item	Unit	ER-FOG98A	ER-FOG98B	ER-FOG98C	ER-FOG98D
Measuring range	º/s	-500~+500	-500~+500	-500~+500	-500~+500
Zero offset stability	º/h	≤ 0.008	≤ 0.02	≤ 0.05	≤ 0.08
Zero bias repeatability	º/h	≤0.008	≤ 0.02	≤0.05	≤0.08
Random walk coefficient	º/√h	≤0.0008	≤0.002	≤0.005	≤0.008
Scale factor nonlinearity	ppm	≤ 20	≤ 30	≤ 40	≤ 50
Scale factor repeatability	ppm	≤ 20	≤ 30	≤ 40	≤ 50
Scale factor asymmetry	ppm	≤ 20	≤ 30	≤ 40	≤ 50
Start Time	s	≤ 1			
Bandwidth	Hz	＞200			
power supply	V	-5~+5			
power	W	≤ 18			
Operating temperature	℃	-40~+65			
storage temperature	℃	-45~+85			
Vibration	/	2g (RMS), 20Hz~2000Hz			
Shock		40g, 1 ms			
output method	/	RS-422			
Connector	/	J30J-15TJL			
Dimensions	mm	Φ98×38			



Note: Unfilled dimensional tolerances are performed in accordance with GB/T1804-2000 Class C.

Figure 1 Outline of ER-FOG98A, B, C, and D fiber optic gyroscopes