## **BLITZ**Sensor



BS-FL5x is a series of single-axis medium and low precision fiber optic gyroscope

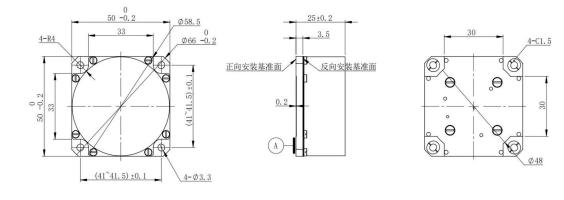
- Fast start-up
- Wide measurement range
- High reliability

The series includes three models:

- BS-FL5A-5-D1EC
- BS-FL5B-5-D1EC
- BS-FL5C-5-D1EC

	BS-FL5A-5-D1EC	BS-FL5B-5-D1EC	BS-FL5C-5-D1EC	
Zero bias stability °/hr(1σ,10s)	≤0.20	≤0.10	≤0.05	
stability time s	<10	<10	<10	
Zero bias repeatability °/ <i>hr</i> (1σ)	≤0.30	≤0.20	≤0.10	
Full temperature zero bias repeatability °/ <i>hr</i>	≤0.6	≤0.4	≤0.3	
random walk coefficient °/ $\sqrt{hr}$	≤0.02	≤0.02	≤0.01	
Scale factor nonlinearity <i>ppm</i> (1σ)	≤50	≤30	≤20	
Scale factor repeatability <i>ppm</i> (1σ)	≤50	≤30	≤30	
dynamic range	±500°/s			
Magnetic field sensitivity	≤0.05°/hr/Gs			
operation temperature	-40°C~+70°C			
storage temperature	-50°C~+70°C			
vibration conditions	4.2g,20Hz~2000Hz			

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