

## SRS-1000 single-axis precision in the closed-loop fiber optic gyroscope

### 1. Performance Parameters:

parameter	Type 1	Type 2
Measuring range	$\pm 90$ deg/sec	$\pm 90$ deg/sec
Constant bias drift	$\leq 0.01$ deg/h	$\leq 0.05$ deg/h
Full temperature bias drift (-20°C ~ 50°C)	$\leq 0.1$ deg/h	$\leq 0.5$ deg/h
Scale factor stability	$\leq 0.02\%$	$\leq 0.05\%$
bandwidth	>50 Hz	>50 Hz
Random Walk	<0.001 deg/ $\sqrt{h}$	<0.005deg/ $\sqrt{h}$
power supply	5 V or 18-36 V	5 V or 18-36 V
Power	<7 W	<7 W
Optical fiber coil length	1000m	1000m
weight	0.9 kg	0.9 kg
size	$\varnothing 150 \times 45$ mm	$\varnothing 150 \times 45$ mm
Export	RS485/232/422/Discrete	RS485/232/422/Discrete



