

Type 75 Single Axis Medium Precision Gyroscope

SKU : F75

OVERVIEW



Product features

- Small size, light weight, high precision
- No moving parts
- High reliability and long life

Application scenario

- Medium and high precision inertial navigation system
- Missile weapon
- Underwater weapon

PERFORMANCE INDICATORS

Parameter Name	Unit	Index
Zero bias stability(10s,1σ,Constant temperature)	°/h	≤0.008
Zero bias repeatability(1σ,Constant temperature)	°/h	≤0.008
Random walk coefficient	°/h ^{1/2}	≤0.003
Scale factor nonlinearity	ppm	≤20
Scale factor asymmetry	ppm	≤20
Scale factor repeatability	ppm	≤40
Threshold value	°/h	≤0.001
Range	°/s	≤300
bandwidth	Hz	≥300
Overall dimension	mm	≤75×75×35
Mounting dimension	mm	62×62
Weight	g	≤360
Operating temperature	°C	- 45 ~ + 60
Output mode		RS422 Serial port output
Power requirements		±5V power supply, +5V power requirement is not more than 2W, -5V Power must not exceed 1W.

MOUNTING DIMENSIONS

