



# FIBER OPTIC GYROSCOPE

## VG910H125C



### PHYSICAL PARAMETERS

Dimensions	mm	82 x 82 x 20	ISO 2768-m
Weight	gram	150	
Housing		aluminum alloy	anodizing

### PERFORMANCE

Input range	°/s	250	for info
Bias, RMS	°/h	2	Allan variance min
ARW	°/√h	0.05	white noise PSD
Bandwidth	kHz	1	2nd order LPF
SF, RMS	%	0.02	day-to-day

### ELECTRICAL INTERFACE

Start-up	s	0.03	
Powering	W	0.5	+5V

### ENVIRONMENT

Operating temperature	°C	-40...+70 +70...+125	> 1 h
Endurance temperature	°C	-55...+85 +85...+125	> 2 h, non-operating
Vibration, RMS	g	12	20 Hz... 2000 Hz
Shocks	g	500	1 ms half-sine

### RELIABILITY

MTBF / Lifetime	yr	15	humidity conditions applied
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