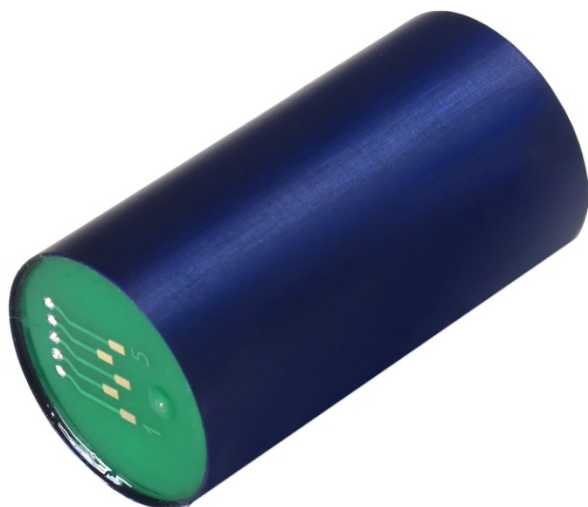




FIBER OPTIC GYROSCOPE

VG091B / VG091B-4LN



PHYSICAL PARAMETERS

Dimensions	mm	Ø28 x 52	ISO 2768-m
Weight	gram	35 / 60	
Housing		Al alloy / µ-metal	IP67

PERFORMANCE

Input range	°/s	300 / 60	for info
Bias, RMS	°/h	3 / 1	Allan variance min
ARW	°/√h	0.04 / 0.01	white noise PSD
Bandwidth	kHz	1	
SF, RMS	%	0.02	day-to-day
Magnetic response	°/h/Gauss	3 / 0.1	typical

ELECTRICAL INTERFACE

Start-up	s	0.03	
Powering	W	0.5	+5V

ENVIRONMENT

Operating temperature	°C	-40...+70	
Endurance temperature	°C	-55...+85	> 2 h, non-operating
Vibration, RMS	g	18	20 Hz... 2000 Hz
Shocks	g	350	1 ms half-sine

RELIABILITY

MTBF / Lifetime	yr	15	humidity conditions applied
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