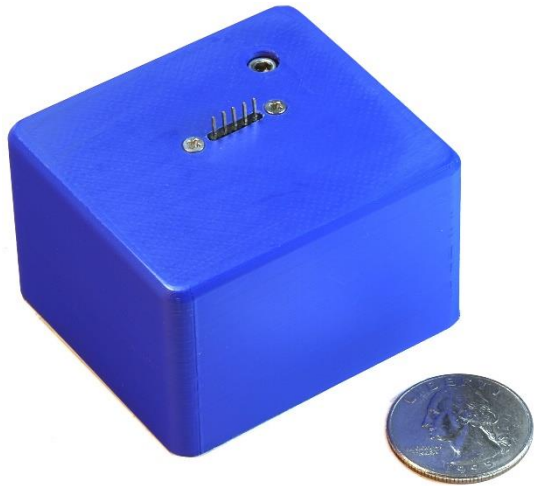


3-AXIS FIBER OPTIC GYROSCOPE

G121



PROVISIONAL DATASHEET

PHYSICAL PARAMETERS

Dimensions	mm	52 x 58 x 37	ISO 2768-m
Weight	gram	125	
Volume	cl	12	
Frame resonance	kHz	2	estimated
Frame / Case		Al alloy / Hard plastic	

PERFORMANCE

Input range	°/s	300	for info
Bias, RMS	°/h	3	Allan variance min
ARW	°/√h	0.025	white noise PSD
Bandwidth	kHz	0.7	ADC input LPF filter
Magnetic response	°/h/Gauss	3	typical

ELECTRICAL INTERFACE

Initialization	s	1	
Powering	W	2	+5V
Data rate	kHz	4.8	24-bit data
Baud rate	kBd	921.6	RS422, asynchronous

ENVIRONMENT

Operating temperature	°C	-40...+70	
Endurance temperature	°C	-55...+85	> 2 h, non-operating
Vibration, RMS	g	6	20 Hz... 2000 Hz
Shocks	g	350	1 ms half-sine

RELIABILITY

MTBF / Lifetime	yr	12	humidity conditions applied
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