



## FIBER OPTIC GYROSCOPE

### VG1703SPE



Fizoptika  
Malta

#### PERFORMANCE

Input range	°/s	300	for info
Bias, RMS	°/h	1	Allan variance min
ARW	°/√h	0.025	white noise PSD
Bandwidth	kHz	1	2 <sup>nd</sup> order LPF
SF, RMS	%	0.02	day-to-day

#### ELECTRICAL INTERFACE

Start-up	s	0.03	
Powering	W	0.25	+5V

#### ENVIRONMENT

Operating temperature	°C	-40...+70	
Endurance temperature	°C	-55...+85	> 2 h, non-operating
Vibration, RMS	g	12	20 Hz... 2000 Hz
Shocks	g	350	3 ms half-sine

#### PHYSICAL PARAMETERS

Dimensions	mm	Ø40 x 12	ISO 2768-m
Weight	gram	18	
Housing		Al & plastic	

#### RELIABILITY

MTBF / Lifetime	yr	30	humidity conditions applied
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Datasheet

Sep 2024

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