



VG103 SERIES SPECIFICATIONS

MAIN PARAMETERS	VG103					
	E	PT	LN	F1	D	LND
Input range (°/s)	350	350	170	600	350	170
Frequency range (kHz)	0-1	0-1	0-1	0-1	-	-
Transmission rate (kBd)	-	-	-	-	115/920	115/920
Angle random walk (°/√h)	0.02	0.02	0.01	0.02	0.02	0.01
Bias stability / Bias repeatability* (RMS, °/h)	2	2	1	0.5	1	1
SF stability / SF repeatability* (RMS, %)	0.02	0.02	0.02	0.01	0.02	0.02
Start-up (s)	0.03	0.03	0.03	0.05	1	1
Powering (W)	0.5	0.5	0.5	0.5	0.8	0.8
PHYSICAL PARAMETERS						
Dimensions (mm)	63 x 63 x 22					
Weight (gram)	60					
Volume (cl)	7					
Housing material	Hard plastic					
ENVIRONMENT						
Temperature (operating, °C)	-40...+70					
Temperature (endurance, 2 h, °C)	-55...+85					
Vibration (RMS, 0.02 - 2 kHz, g)	18	18	18	18	12	12
Shocks (g, 1 ms)	350	750	750	750	750	750
RELIABILITY						
MTBF (20°C, h)**	70 000	100 000	100 000	100 000	100 000	100 000
Lifetime (yrs)	15					

* Day-to-day repeatability at fixed temperature
 ** Humidity conditions applied