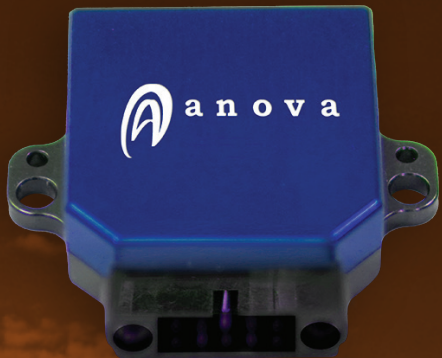


Attitude and Heading Reference Systems



Technical Data

HEADING ANGLE	
Range	-180° - +180°
Accuracy	2° rms
Resolution	0.05°
PITCH ANGLE	
Range	-90° - +90°
Accuracy	0.5° rms
Resolution	0.05°
ROLL ANGLE	
Range	-180° - +180°
Accuracy	0.5° rms
Resolution	0.05°
GYROSCOPE	
Range	-2000°/s - +2000°/s
In-Run Bias Stability	< 10°/h
Noise Density	0.0038 °/s/√Hz
Bandwidth	260 Hz
ACCELEROMETER	
Range	-16g - +16g
In-Run Bias Stability	< 0.04 mg
Noise Density	0.15 mg/√Hz
Bandwidth	260 Hz

MAGNETOMETER	
Range	± 2.5 Gauss
Noise Density	134 μGauss/√Hz
Bandwidth	200 Hz
BAROMETER	
Range	10 - 1200 mbar
Bandwidth	200 Hz
ELECTRICAL SPECIFICATIONS	
Input Voltage	4.5 - 5.5 V
Power	220 mW
INTERFACE	
Serial Interface	RS232 and TTL (optional : can be customized)
MECHANICAL SPECIFICATIONS	
Weight	≤ 15 g
Size	36 x 33 x 9 mm
ENVIRONMENTAL SPECIFICATIONS	
Çalışma/Depolama Sıcaklığı	-40 - +85 °C