

Product specifications

Product number	M-A352
Rate range	±15 G
Bias error	±2 mG
Temperature characteristics	±2 mG
Scale factor	0.06 µG/LSB
Linearity	0.03 % FS
Noise density	0.5 µG/√Hz, rms @0.5 Hz or more
Output resolution	32 bit
Digital serial interfaces	SPI & UART
Internal compensation at factory (compensated temperature range: -30°C to 85°C)	Bias, non-linearity, misalignment (axis to axis)
Output data rate	Up to 1,000 Sps
Operating temperature range	-30°C to +85°C
Current consumption	16 mA @ 3.3 V
Low-jitter external trigger	Up to 5 µsec
Shock resistance	1,200 G @0.2ms, half-sin
Size	48 x 24 x 16mm
Weight	21 g

These specifications are subject to change without notice.