

**3.1.2.3 T5077****CMG-5T ABSOLUTE CALIBRATION  
(ACCELERATION OUTPUTS)**

WORKS ORDER:	4146	DATE:	18/05/2009
SERIAL NUMBER:	T5077	TESTED BY:	MN
SENSITIVITY (+/-g)	1g	OUTPUT (+/-v)	5 volts

	Acceleration Response V/m/s <sup>2</sup>
VERTICAL	2 x 0.514
NORTH/SOUTH	2 x 0.512
EAST/WEST	2 x 0.508

Vertical component equivalent acceleration from calibration signal of: 1 Volt = 0.972 m/s<sup>2</sup>

North/South component equivalent acceleration from calibration signal of: 1 Volt = 0.976 m/s<sup>2</sup>

East/West component equivalent acceleration from calibration signal of: 1 Volt = 0.984 m/s<sup>2</sup>

Calibration enable signal polarity: Active Low

Typical Current Consumption: N/A

This sensor operates from: 10 to 36 Volts

NOTE: A factor of 2 x must be used when the sensor outputs are used differentially (also known as push-pull or balanced output). Under no conditions should the negative outputs be connected to the signal ground. A separate signal ground pin is provided.