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IMU Inertial Measurement Unit

Model BST IMU-C six axes

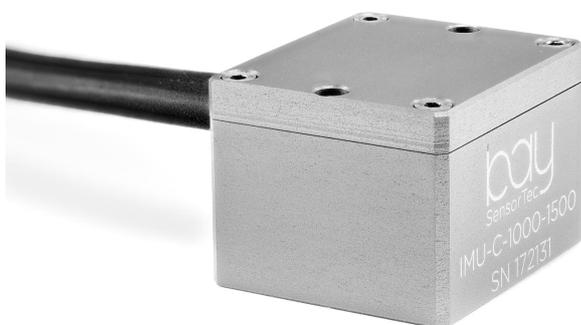
Features

- Anodized Aluminium Housing
- DC Response
- Damping 0.7
- Very low power consumption
- Low Mass

Application

- Crash test
- Shock test

Dimensions



Description

The new model BST IMU-C is a multi-canal sensor with three accelerometers based on piezo resistive technology. With a four-active arm Wheatstone-Bridge (4 wire system) configuration and a damping ratio 0.7 and three Gyros which helps to connect the sensor on all data acquisition systems. The light weight and small size of the sensor makes it easy to mount it on difficult places at the car for a crash test or flatter test application. Do to the anodized aluminium housing the mounting is easy with two screws M3. The sensor has two 6m very high rugged, shielded and flexible 4-wire per axe PUR-cable.

As an option, we supply the sensor with Lemo-connectors, Dallas ID and a Shunt resistor in the connector if it possible.

A calibration for the sensor is standard.

