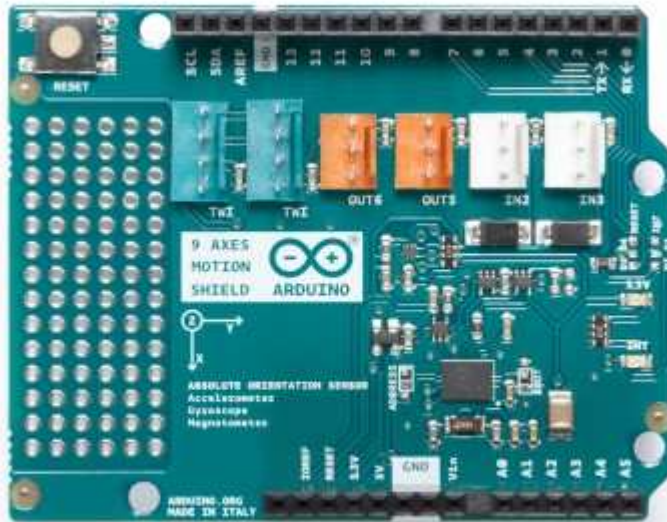# ARDUINO 9 AXIS MOTION SHIELD

Code: A000070

The Arduino 9 Axes Motion Shield is based on the BNO055 absolute orientation sensor from Bosch Sensortec GmbH which integrates a triaxial 14-bit accelerometer, a triaxial 16-bit gyroscope with a range of ±2000 degrees per second and a triaxial geomagnetic sensor with a 32-bit microcontroller running the BSX3.0 FusionLib software.
The sensor features three-dimensional acceleration, yaw rate and magnetic field strength data each in 3 perpendicular axes.