

PRESS RELEASE

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Axiomatic now offers a Triaxial Inclinometer Gyroscope for moving machines with CANopen.

Part of a growing family of inclinometers for machine control, the AX060900, AX060910 and AX060911 measure pitch and roll inclination angles in a full ± 180 -degree orientation range. The angles can be compensated by a 3D gyroscope to minimize the influence of dynamic linear accelerations caused by vibrations and machine operational movements.



The units can also output: gravity angle; pitch, roll and yaw angular rates; and unit accelerations in three orthogonal directions. The inclinometers transmit angular data over CAN bus using a standard J1939 or CANopen protocol. Models AX060910 and AX060911 offer greater shock resistance.

The unit original configuration can be changed using Axiomatic Electronic Assistant PC-based configuration tool.

Axiomatic also offers triaxial inclinometers, tilt sensors, ethernet switches, CAN/Ethernet gateways, a rugged display and laser receiver for machine control applications.

Applications:

- Level, tilt, pitch and acceleration monitoring in agricultural, off-highway and mining equipment
- Platform levelling and stabilization in industrial machines
- Robotics position sensing
- Navigation system component

We innovate with engineered and off-the shelf machine controls.

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