



3 AXIS INCLINOMETERS GENERAL OVERVIEW

The Joral Inclinometer provides rugged duty incline sensing that supports the standard and reliable CAN bus protocol. The solid state device is fully potted and sealed for IP69K protection.

- J1939 CAN Bus or varying voltage output
- Easy mounting, 3 axis sensing detects true change in angle (X, Y, Z) regardless of installed orientation
- Configuration available through J1939 for sensitivity and range settings
- Completely potted and sealed (IP69K)
- Standard connector options available (M12, Deutsch, flying lead)
- 'Electronic Bubble' LEDs display level status

DINC & SINC APPLICATION OVERVIEW

The Joral 3 axis incline sensor is packaged as a single or dual module which communicates angular position via J1939 CAN Bus or varying voltage (analog).

Solid-state microchip technology allows true position sensing regardless orientation to programmed zero. J1939 standard message contains angular position for X, Y, and Z. Each axis has its own independent current value.

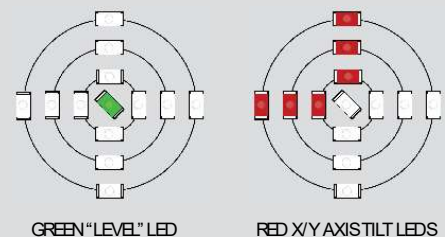
The sensor can be mounted to fit the requirements of the application, installed orientation does not influence output.



LED LEVEL ELECTRONIC BUBBLE *Real time visual feedback*

Current angle for X and Y axis are displayed on LED indicators to show level and varying degrees out of level.

LED display handy for installation and at a glance level check. Red LEDs display level condition and green LED shows sensor is level.



AT-A-GLANCE SPECIFICATIONS

Available Outputs:

- J1939 CAN Bus
- Analog (*voltage across specified range*)

Part # **Single Incline Sensor**
 SINC-B-1939-[connector code]

Boom Angle Sensor
 DINC-B-1939-[connector code]

For Analog incline configuration
P/N consult Joral factory

Connection options include but not limited to: M12, M12 Pigtail, Flying Lead Cable, and various Deutsch connectors