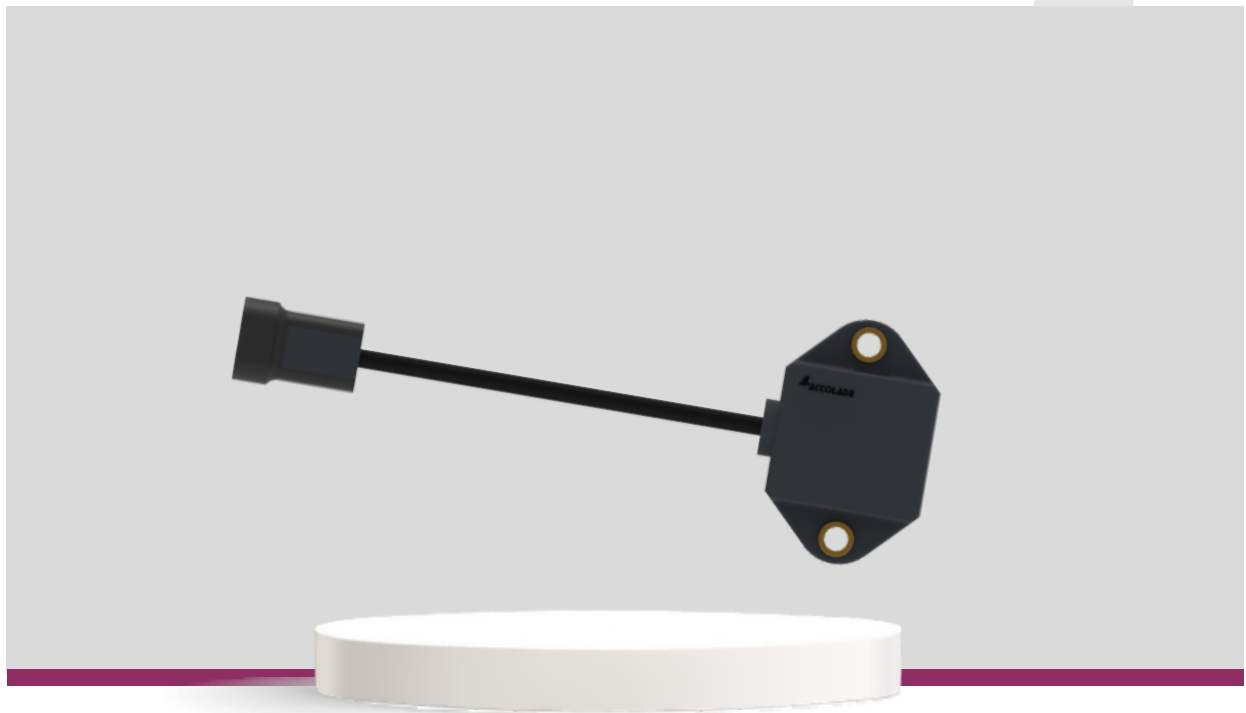


⚡ Body & Power Electronics

Gradient Sensor

PB-GS-5-B-100

Precision Intelligence for Vehicle Stability



Precise, Rugged & Reliable



High-Accuracy Dual-Axis Gradient Detection

Dual-axis sensing accurately measures vehicle tilt and inclination for enhanced stability and control.



CAN-Enabled Intelligent Integration

Integrated CAN interface ensures seamless communication with vehicle systems for real-time gradient monitoring.



Rugged Automotive- Grade Reliability

IP69-rated rugged design ensures reliable operation in harsh automotive and off-road environments.

AE-GS Series



Built for precise vehicle angle sensing with CAN integration and automotive-grade durability.

- ✓ **High-Accuracy Measurement**
- ✓ **Dual-Axis Sensing**
- ✓ **IP69 Rugged Design**
- ✓ **CAN-Based Integration**

Parameters	Specifications
Operating Voltage	9V to 32V
Operating Temperature	-40°C to +85°C
Operating Current	<100mA
Sensor Type	Dual-Axis Gradient Sensor (Pitch & Roll)
Interface	CAN 2.0
Accuracy	±0.3°
Connector	4-Pole Automotive Connector
CAN Speed	500 Kbps
Dimensions	45 × 70.5 × 16 mm
Protection	IP69
Mounting	Behind Front Number Plate

Empowering Intelligent Vehicle Dynamics

Complete sensing solution development including hardware design, validation, and high-volume manufacturing, backed by dedicated customer success support.

Let's Co-Create the Future of Mobility.

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