

Fast Facts

Chassis Position Sensor (CPS)

The information about the chassis position has been required since decades for automatic headlamp levelling and is becoming increasingly important for chassis control systems. Using modern Hall based ASSP electronic in a particularly slim sensor concept the advantages of our next generation rotary angle solution are obvious:

- Higher Efficiency: Reduction of size and weight of the sensor and entire assembly group
- Higher Safety: ASIL B(C)
- Higher Savings: Low cost sensor and linkage design



Key Advantages

- Lean concept with reduced mass
- Sealed electronics
- Platform product
- Modular approach with customizable interface
- Available also as competitive assembly group with linkage and brackets

Technology

Differential Hall – Robust & Easy to package
With the use of 4 Hall plates and a differential calculation the latest HALL technology has a significant immunity against external magnetic fields and is designed in a lean concept easy to integrate.

- No additional components and no PCB required
- AEC-Q100 Grade 1 qualified
- Robustness against external magnetic interference fields

