Angular Sensor

for head lamp regulation and active damping control

Features and Benefits

- functional, compact, robust and technically mature
- customer specific mechanical interface
- customer specific electrical interface
- production capability of the design proven by several customer specific environmental qualifications and years of in-car use

Applications

angular measurements of axle bearing points, double wishbone arm- detecting wheel travel via a linkage (HID-Control and active damping regulation)
Angular Sensor

Short Description

The Sensor

- compact design- accurate bearing-
- 100% splitting of mechanical and electronic part of the system
- electronic parts totally encapsulated (no risk of moisture inside)
- coated magnet for improved environmental resistance
- modular connector concept
- customer specific connector and lever
- laser marking

The Magnet

Innovative and qualified contactless sensor system with 2D Hall sensor

- very robust measuring concept
- fully redundant system
- 100% end of line programming & traceability
- carryover of qualified electronic parts
- encapsulated electronics
- signal output:
  + analog 12 Bit
  + digital PWM 12 bit, 150 Hz to 2000 Hz + PSI5
- customer specific transfer function

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