



DIGITAL DISPLACEMENT SENSOR FOR LEAF SPRING SUSPENSION

Axle load sensor **eurosens®** DDS converts rotation angle of the sensor lever into an output signal using a magnetoresistive element as a transducer. Type of the output signal depends on the working interface.

SPECIFICATION:

| | |
|-------------------------------|---------------------------|
| Power supply, V | 10 - 50 |
| Reverse polarity protection | Yes |
| Output interfaces | Analogue, RS-485 or CAN |
| Output data protocol | LLS/MODBUS, CAN SAE J1939 |
| Ambient operating temperature | -40 - +85 °C |
| Output voltage, V, range | 1,54...3,46 |
| Ingress protection rating | IP 67 |

KEY FEATURES:

- ✓ Smart and simple design.
- ✓ Can be mounted on any vehicle with leaf spring suspension.
- ✓ Built-in microprocessor provides the operation of the sensor via digital interfaces in the network mode.
- ✓ 1 sensor can support up to 3 calibration tables simultaneously.
- ✓ Software filtering and smart data processing.