



## Robust rotation sensor with high accuracy

### Features:

- Robust Stainless Steel housing
- Full 360° usable
- High 14-bit accuracy (0.022°)
- CANopen Interface (Profibus optional)
- 1-dimensional  $\pm 180^\circ$
- High sampling rate
- Setting Node ID and baud rate via LSS Service

### Specifications:

- Diameter 210 mm, height 40 mm
- Weight 6.7kg
- Operating temperature -20 °C ... +85 °C (-40 °C optional)
- Supply voltage 10 ... 30 VDC
- Current consumption <60 mA @ 24 V

## Programmable Velocity & Acceleration output

The RS-HD offers the possibility to measure velocity and acceleration based on the rotations.

The time base can be selected and programmed on client specification before shipping or by the client afterwards by CANopen protocol (details available).