

Measurement of angles and inclination



**Angle sensor
424A**

Angle sensors cover a measuring range of up to 360° and offer selectable signal paths as well as redundant versions. The sensors have analogue and digital outputs and allow bus connection via CANopen/SAE J1939.

The robust sensors are suitable for detecting angular positions of rotating elements under extreme environmental conditions and are therefore tailored to mobile machinery.

**Angle sensor
424Z**



**Angle sensor
424R**

Our N6 static and N7 dynamic inclination sensors are state-of-the-art and continuously monitor the inclination angle of an object relative to gravity using powerful MEMS technology, providing reliable information for the safe control and movement of static and dynamic mobile machinery.

Equipped with an extremely responsive combination of accelerometer and gyroscope (Sensor Fusion with Kalman filter), the N7 dynamic is particularly convincing in applications with strong accelerations and jerky movements.



**Inclination sensors
N6 / N7**