

K-PUS Micro

Digital Magnetic Compass



K-PUS Micro DMC Sensor

High performance Heading, Bank and Elevation

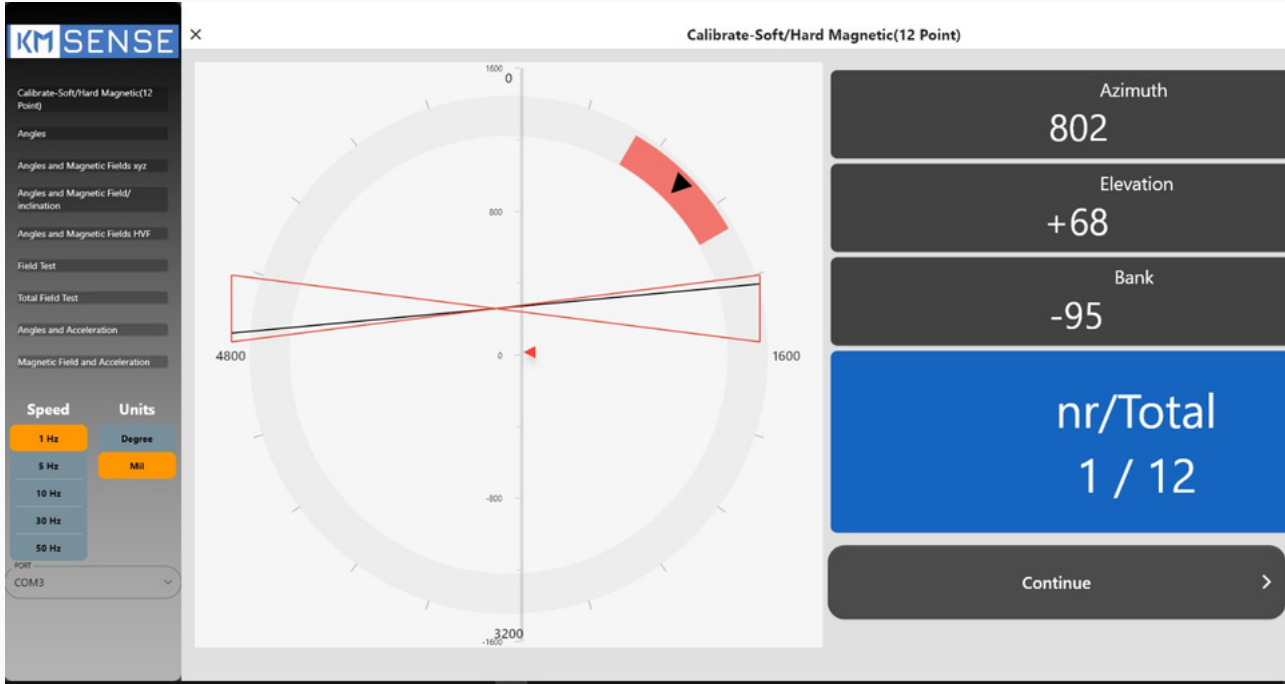
K-PUS Micro is high accuracy and high performance Digital Magnetic Compass (DMC) sensor family. It measures Bank (Roll) angle, Elevation (Pitch) angle and Heading (Yaw) angle. Results are provided via a bi-directional electrical interface. It includes a 3D accelerometer, a 3D gyroscope and a 3D magnetometer as its primary sensors.

- Advanced sensor fusion algorithms for accurate calculation of the roll, pitch and yaw angles.
- State-of-the-art hard and soft iron calibration algorithms for maximum heading accuracy.
- Lightweight and reliable design, ready for use in civilian and military applications.
- Numerous modes, settings and options for utilization with great flexibility.
- Direct replacement for existing DMC products. (With same mechanical, electronic and software interface, same standard 12-point calibration and easy calibration modes)

Roll/Pitch Accuracy	Heading Accuracy
0.1° RMS	0.25° RMS

K-PUS Mikro series mechanical drawing dimensions are in mm

K-PUS series sensors User Interface



Sensor systems can be connected to a windows based computer via USB interface, so that users perform easy calibration, easy configuration and real time visualization of the sensor.

KMSense is a brand of KARAKAMLAR AEROSPACE

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