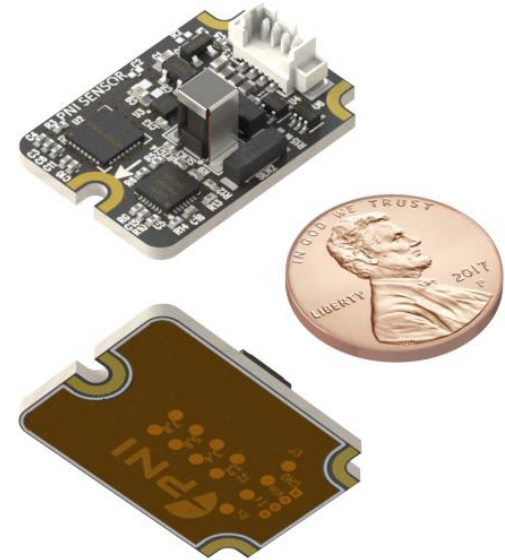


# Prime Pro

## Digital Magnetic Compass

### Accurate, low-power and very cost-effective

Delivers field-accurate heading, pitch and roll data, even where GPS is compromised or unavailable – with 1° of accuracy



PNI is a positioning and navigation product and technology company that provides highly accurate, precise position and navigation data to systems through the use of proprietary sensors, algorithms and Edge AI

Building on decades of patented sensor and algorithm development, PNI offers the industry's highest-performance geomagnetic sensor in its class, location and motion coprocessors, high-performance modules, sensor fusion algorithms, and complete sensor systems.

To learn more, please visit [www.pnicorp.com](http://www.pnicorp.com).

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### Specifications

Heading	Accuracy	1° rms*
	Repeatability	0.1° rms
	Resolution	0.01°
Tilt	Range	±90° of pitch ±180° of roll
	Accuracy	0.5° rms
	Repeatability	0.1° rms
I/O Characteristics	Communication Interface	TTL/CMOS serial UART
	Dimensions (l x w x h)	27 x 19 x 8.4 mm
	Supply Voltage (unregulated)	2.9– 5.5 VDC
Power Requirements	Typical Current draw	9.5 mA

\*+/- 45° tilt and -10°C to +50°C

