

Fast Facts

MagnePot 6120 Series NON-CONTACTING ROTARY POSITION SENSOR

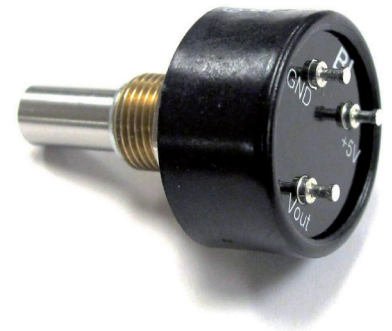
The Magnepot rotary position sensor is a new non-contacting rotary position sensor with an electrical travel of 35° to 360°. Various output options are available. Non-contacting technology provides consistent performance over a significantly extended life.

Market Segments

- Magnepot position sensors are ideal for the demanding requirements of industrial, medical, aerospace and factory automation markets

Applications

- Industrial
 - Joystick controls
 - Factory automation
 - Wind Vanes
- Defense and Aerospace
 - Vision system position feedback
 - Targeting systems
 - Aircraft flight and panel controls
- Factory Automation
 - Rotary position sensing
 - Motion control feedback



Features

- Non-contact technology provides clean outputs without sliding contact noise
- $\pm 0.50\%$ accuracy ($\pm 0.25\%$ is available)
- 10 million shaft rotations minimum life
- Ratiometric output
- 11mA max current
- -40° to 125°C operating temperature

Our advantage

- Special designs for severe environments are easily accommodated
- Any sensing angle between 35° and 360° is available
- Multiple output voltage options are available and custom options are possible
- Non-linear output functions are available
- Continuous rotation is available as well as designs with limited mechanical travel
- High performance bearing design results in a minimum of **10 million** shaft rotations