

Fast Facts

MagnePot 6150 Series NON-CONTACTING ROTARY POSITION SENSOR

The 6150 series Magnepot rotary position sensor is a new servo mount non-contacting rotary position sensor with an electrical travel of 35° to 360°. Various output options are available. Non-contacting technology provides consistent performance and an exceptional rotational life of 100,000,000 revolutions.

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)
- 100 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 option are available and custom options are possible
- Non-linear output functions are available
- High performance bearing design results in a minimum of **100 million** shaft rotations

