

For Immediate Release:

### **New Robust High Accuracy Magnetic Encoder**

Southborough, MA -- Novotechnik U.S. introduces the Vert-X 51 Series of rotary magnetic encoders feature up to 16-bit resolution and repeatability to 0.1° – depending on model.

Measurement range of the Vert-X 51 Series is 0 to 360° and physical measurements of the housing are 30 mm x 50 mm. These encoders are ideal for harsh environments with ingress protection to IP 67 and stainless steel housing and shaft are available.

Vert-X 51 Series is designed to operate with shock up to 50 g and vibration to 20 g as well as axial and radial shaft loads to 45 N.

Operating and storage temperature range is -40 to +125 °C. Life is over 200 million movements and mean time to failure is up to 668 years – depending on model.

Eight output options are available including 0.1 to 10 V, 0.5 to 4.5 V, 4 to 20 mA, , SPI, CANopen/GL certified, PWM, and SPI. Versions with 5V or 24 V supplies as well as redundant outputs are available.

Vert-X 51 Series is available with up to two TTL switch outputs and some versions are programmable with CW/CCW sense of rotation, start and end points, custom characteristic curve, switches and index point.

Ideal for marine propulsion, off-highway and other applications requiring certifications, the Vert-X 51 CANopen version is certified by four authorities including the American Bureau of Shipping.

For more information on the Vert-X 51 Series and Novotechnik's complete range of rotary and linear position sensors contact Novotechnik U.S., Inc. at phone: 508-485-2244 • Website: [www.novotechnik.com/vx51](http://www.novotechnik.com/vx51) • Email: [info@novotechnik.com](mailto:info@novotechnik.com)

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(photo also attached)