



News Release

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For Immediate Release:

New Programmable Rotary Position Sensors

Southborough, MA - Novotechnik U.S. introduces the Vert-X 22E Series of programmable *touchless* rotary sensors. These sensors use a magnetic pick up that is secured to the rotating object, so that there is no direct mechanical linkage between the shaft and the measuring system, and therefore no wear.

Vert-X 22E Series can be programmed by customers or at the factory for the slope of the linear output, zero and end-points, mid-point and switch steps. What this means is that customers can optimize this angle sensor for their specific application. These sensors can help achieve cost savings by eliminating the need for other components to specify the angles they want to measure from and to, choose an intermediate plateau or not, sense of rotation function (CW or CCW), V-output function and switch functions.

Customers who choose to program the Vert-X 22E Series themselves can use a programming tool called Vert-X Easy Adapt with their PC to choose between six modifiable linear output curve characteristics.

Key specifications for Vert-X 22E include 0 to 360° measurement range limits, 5V and 24V supply versions, up to two switch outputs, resolution to 14-bit, repeatability of $\leq 0.1^\circ$, and hysteresis of $\leq 0.1^\circ$. MTBF of 2.7 or 5.8 million hours depending on version, output options include voltage of 10 to 90% of power supply, SPI, and PWM. Redundant output versions are offered as well.

(Continues.)



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Vert-X 22E Series sensors are absolute sensors so they retain their values even after power interruptions. They have compact designs of 0.866 inch diameter. Other Vert-X Series are available and have larger or smaller dimensions depending on the model.

For more information on the Vert-X 22E Series and Novotechnik's complete range of sensors contact Novotechnik U.S., Inc., Phone: 508-485-2244 ·
E-mail: info@novotechnik.com · Web: www.novotechnik.com/vx22E

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(Photo also attached)

(Note to Editor: data sheets and user manual can be found on the web page listed above.)