

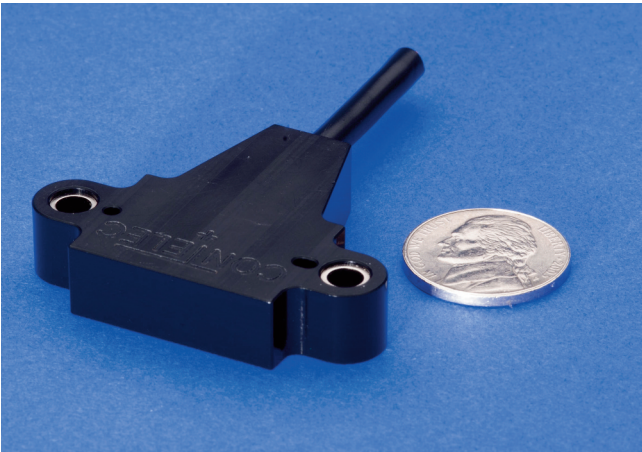


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For Immediate Release:

TOUCHLESS ROTARY SENSORS WITH CANOPEN INTERFACE



Southborough, MA - Novotechnik U.S. introduces the Vert-X 32E Series of programmable rotary angle sensors. The sensors are touchless magnetic angle sensors with a permanent magnet that can be secured to a rotating shaft, so that there is no direct mechanical linkage between the shaft and the measuring system, and therefore no wear. Output provided is CANopen Interface. Vert-X 32E Series is CiA certified serial communications output and supports real-time control.

The Vert-X 32E Series can be programmed through a programming device connected between the sensor and a computer's USB port and software called EasyAdapt which runs on Windows PCs. Users can select from six default set-ups or use one as a starting point and

customize it. Output characteristics including custom characteristic curve, angle range, zero point, and curve- as well as gradient-direction versus direction of rotation can be programmed.

Single and redundant Vert-X 32E versions are available and key specifications include 38 mm width centered on mounting holes, 0 to 360° measurement range, resolution to 16-bit, repeatability of 0.1° or better, and maximum hysteresis of 0.1°.

The Series also features a wide 8 to 35 V supply range. Vert-X 32E Series sensors have a MTBF of 135 years. All models feature an ingress protection rating of IP 68 and operating range of -40 to +85°C.

Programmability of Vert-X 32E Series makes it possible for some applications to reduce hardware design complexity, lower costs through stocking one part for multiple products and eliminating the need for certain other parts in some applications. These could include a microprocessor, A/D converter, memory and related decoupling capacitors.

Vert-X 32E can be ordered with custom factory programmed characteristics defined by users as well. For more information contact Novotechnik U.S. 155 Northboro Road,
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