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News Release

For Immediate Release:

Non-Contacting Smart Rotary Position Sensor Provides Analog, PWM & Control Outputs

Southborough, MA – The new RSC2200 family of non-contacting rotary sensors provides 360° absolute angle measurements with 12-bit resolution. A microprocessor incorporated into the sensor enables the output characteristic curve to be preprogrammed to a customer's requirements. Outputs are proportional to the rotary position of the shaft and include 4 to 20mA, 0 to 10V or 0.5 to 4.5V analog as well as digital pulse-width modulated-PWM.

RSC2200 sensors can be set to generate up to two analog or digital "switch" signals that may be used to control mechanical processes or signal specific events. Taken together, linearization programmability, position and control output features can eliminate signal conditioning and control logic circuitry in many applications.

Key specifications include resolution to $\pm 0.09^\circ$, accuracy to $\pm 0.35^\circ$ and a service lifetime of >350 million operations.

Measuring just 0.88" (22.2 mm) in diameter and 1.2" (30.5 mm) in depth, Novotechnik RSC2200 sensors feature a rugged aluminum case, sealed to IP 67 optional, designed to withstand high EMC levels and operate in temperatures from -40 to +85°C.

For more information on the RSC2200 series and Novotechnik's complete range of rotary and linear position sensors contact Novotechnik U.S., Inc. at 155 Northboro Road, Southborough, MA 01772 • Phone: 508-485-2244 • Fax: 508-485-2430 • Email: info@novotechnik.com.

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