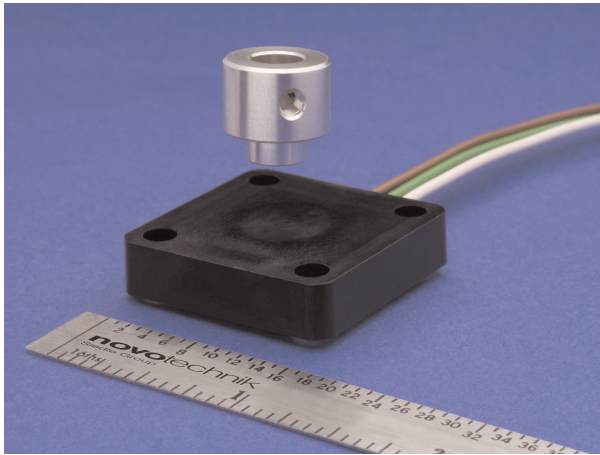


For Immediate Release:

NEW ROTARY TOUCHLESS SENSOR

Southborough, MA – Novotechnik's new RFC 4000 Series rotary sensors combine touchless technology and small form factor. The sensor's touchless technology utilizes the orientation of a magnetic field in order to determine measurement angle. This makes the sensor ideal for applications that require mounting flexibility or transmissive measurements through air or non-magnetic materials. RFC 4000 Series is 7mm thin with a thumbprint of about one square inch.



The two-part design of the RFC 4000 Series - a sensor and its magnetic position marker - offer unlimited mechanical life. The RFC Series position marker mounts on a rotary shaft, a distance from the detecting sensor component, and the magnetic field orientation is captured using an integrated circuit. An analog output signal represents the calculated angle and is repeatable to ± 1 LSB.

Specifications include programmable electrical range to 360°, resolution to 12-bits, independent linearity to less than $\pm 0.3\%$, and an unlimited mechanical lifetime. Dust, dirt and moisture have no affect on the sensor, as it is sealed to IP 67. The RFC 4000 is available with either fixed-pcb-pins or lead wires.

For more information about the RFC 4000 Series contact Novotechnik U.S., Inc. at 155 Northboro Road, Southborough, MA 01772 • Phone: 508-485-2244
Web: www.novotechnik.com