



ADVERTISING
MARKETING
PUBLIC RELATIONS

News Release

Advertising Associates International

65 Sprague Street, Boston, MA 02136 • 508-544-1250 • e-mail: info@aai-agency.com

Editor's Contact:
Mark Hersum
508-544-1250 x204

For Immediate Release:

Angle Sensor for Extreme Environments

Southborough, MA ... Novotechnik U.S. introduces the RSX-7900 Series of angle sensors that provide up to IP69K ingress protection, extremely long life of >100 million movements and ISO13849 PL-d safety compliance in a non-contacting design.

The sensor is available in six standard measuring ranges with angles from 0 to 60 to 0 to 360 degrees with unrestricted rotation. Resolution is 12-bit across a 4 to 20 mA output with linearity to $\pm 1\%$ at ≥ 90 degrees. Repeatability is 0.2° and update rate is 5 kHz.

Single and dual redundant versions are available and the life specification is valid even under high shock and vibration conditions up to 50 and 20 g respectively. The RSX-7900 Series is available with a CANopen interface.

The RSX-7900 Series sensors offer anodized aluminum housing with a stainless steel shaft for enhanced corrosion protection with salt and spray resistance. Axial and radial shaft loading is up to 300 N thanks to a double row angular contact ball bearing design. The 70 mm diameter sensor has a nominal length of only 35 mm and is available with a wide choice of shaft styles for maximum installation flexibility.

The RSX-7900 Series angle sensors operate from 9 to 34 V DC supply making them ideal for 12 and 24 volt off-highway vehicle and construction equipment applications.

For more information contact Novotechnik U.S., Inc., 155 Northboro Road, Southborough, MA 01772 • Phone: 508-485-2244 • Fax: 508-485-2430 • Web: www.novotechnik.com/rsx79

(Photo also attached.)