



News Release

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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 P2500-M Series of multiple-section potentiometers provide redundancy for those applications requiring fail-safe angle measurement.

The P2500-M Series is available in two or three sections and three measuring ranges with angles from 0 to 120, 0 to 240 or 0 to 345 degrees with unrestricted continuous rotation. Repeatability is 0.01° and maximum rotational speed is 2,000 RPM.

Independent linearity is to 0.3 % of full scale and interlinearity between sections is factory calibrated to within ± 1 %FS.

Life specification of 50 million movements is valid even under high shock and vibration conditions up to 50 and 20 g respectively.

The P2500-M Series features anodized aluminum housing with a stainless steel shaft for enhanced corrosion protection with salt and spray resistance. Axial and radial shaft loading, on stainless steel ball bearings, is up to 15 N.

The P2500-M Series angle sensors operate up to a maximum of 42 V DC supply making them ideal for a range of applications including ship controls, off-highway and construction vehicles.

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/p2500

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Photo also attached.