



News Release

Advertising Associates International
436 Boston Post Road, Weston, MA 02493 • 781-891-1227 • FAX: 781-899-3250 • e-mail: info@aai-agency.com

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For Immediate Release:

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

New 100 Turn Rotary Sensors

Southborough, MA - Novotechnik U.S. announces the ML Series of rotary sensors. These sensors measure angle up to 100 turns or 36,000° of mechanical travel and have a life of over 15 million turns.

The ML Series includes five models each optimized for their maximum 6, 10, 25, 50 or 100 turns. Repeatability is to $\pm 0.01\%$ or better and Independent linearity is as low as $\pm 0.25\%$. Electrical ranges for the models are 0° to $2,160^\circ$, $3,240^\circ$, $8,280^\circ$, $17,280^\circ$ or $34,560^\circ$.

Maximum resistance value is either 5 k Ω or 10k Ω , depending on model and temperature coefficient is a very low 5 ppm/K.

A friction clutch on each sensor's end-stops provides over-run protection. Mechanical dimensions of the ML Series as measured from shaft end range in length from 62.2 mm to 102.2 mm. All models have a width of 13 mm. Shaft diameter is 6 mm and has a 10 mm bushing mount. Operating temperature range is -25°C to $+75^\circ\text{C}$.

For more information on the ML Series and Novotechnik's complete range of sensors contact Novotechnik U.S., Inc., Phone: 508-485-2244 ·

E-mail: info@novotechnik.com · Web: www.novotechnik.com/ml

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(Photo also attached)