



## News Release

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## 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  $0^\circ$  to  $2,160^\circ$ ,  $3,240^\circ$ ,  $8,280^\circ$ ,  $17,280^\circ$  or  $34,560^\circ$ .

Maximum resistance value is either 5 k $\Omega$  or 10k $\Omega$ , 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  $-25^\circ\text{C}$  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](http://www.novotechnik.com/ml)

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(Photo also attached)