



For Immediate Release: _____

44-Turn Magnetic Encoders

Southborough, MA... Novotechnik, U.S. introduces the MC-1 2800 44-Turn magnetic encoder with IO-Link output interface. Patented non-volatile technology retains turn count even when power is lost and reports correct count when power is restored.

Key specifications for the MC-1 2800 include measuring range of 15,840° (44 turns), measured variable information of angle, turns, speed and limit switch points. Measurement rotational speed is from 0 to 546 rpm. Resolution is 16-bits. Absolute linearity is $\leq \pm 1^\circ$. Repeatability is $\leq \pm 0.1^\circ$.

MTTF is 591 years and mechanical life is > 50 million movements. Ingress protection class is to IP67.

MC1- 28000 Series is available with push-on coupling or marked shaft. Shock and vibration tolerance are 50 g and 20 g respectively. Housing core diameter is 30 mm.

Applications for the MC-1 2800 include automotive and off-highway vehicle steering and driveline, agricultural and construction machinery, medical equipment and gate drives.

For more information contact Novotechnik U.S, Inc, 155 Northboro Road, Southborough, MA 01772 • Phone: 508-485-2244 • Web: <https://www.novotechnik.com/rotary-multi-turn/>

###

Photo also attached.



a Division of Marketing Assistance, Inc.

90 Canal Street, 4th floor, Boston, MA 02114 • 23 Brown Street, Wickford, RI 02852 • Phone: 508-544-1250
www.maiagency.com