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M A R K E T I N G  
P U B L I C R E L A T I O N S

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For Immediate Release:

## **AUTOMOTIVE GRADE POSITION SENSORS**

Southborough, MA – Novotechnik's SP 50 Series rotary position sensors feature easy mounting and availability of custom angles and contact configurations. The customization combined with design for hard environments make these sensors well suited for many industrial and vehicle applications.

Simplicity of mounting is enabled by mounting holes with brass bushings and a hollow shaft. The housing and bearings are made of a special high-grade temperature-resistant plastic. A 3-pin AMP Junior-Timer connector provides a very reliable interface connection.

The SP 50's repeatability is 1.0 degrees and a temperature coefficient of the output-to-applied voltage ratio is 15 ppm/K.

The SP 50 Series is designed to convert rotary movement into a proportional voltage signal based on proven conductive plastic technology. These sensors have been designed to withstand all kinds of harsh and rough environmental influences such as vibrations to 20g, a temperature range of -40 to +125 °C, dirt, humidity, as well as proximity to automotive engines. Furthermore, the use of an elastomer-damped precious metal multi-finger wiper ensures reliable contact even under the most severe working conditions.

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