



## News Release

Advertising Associates International  
65 Sprague Street, Boston, MA 02136 • 508-544-1250 • e-mail: [info@aai-agency.com](mailto:info@aai-agency.com)

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

For Immediate Release:

### **New High Accuracy Linear Position Sensors**

Southborough, MA - Novotechnik U.S. introduces the TE1 Series of absolute linear position sensors, with integrated microprocessor and associated circuitry to provide signal conditioning for a current or voltage output signal.

The signal conditioned output enables the TE1 Series to have long cable runs without substantial signal loss and makes output connections a cinch with only signal and ground connections to make.

The TE1 Series includes versions with and without return spring. Ball coupling is included for backlash- and shear force free operation. Housing profile of the TE1 Series is a compact 0.70 in (18 mm). Cable and connector versions are standard.

Key specifications for the TE1 Series include 25 to 150 mm measurement range for both rod and rod with return spring versions. Resolution is unlimited and repeatability is 0.002 mm. Linearity is to  $\pm 0.075\%$  of full scale. Four output options are available: 0 to 10 V, 10 to 0 V, 4 to 20 mA and 20 to 4 mA. Sensor life is >100 million movements.

For more information on the TE1 Series contact Novotechnik U.S., Inc., phone: 508-485-2244 • Web: [www.novotechnik.com/TE1](http://www.novotechnik.com/TE1)

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(photo also attached)