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FOR IMMEDIATE RELEASE



## Popular MT2A Aerospace and Automotive Test String Pot Offers Numerous Features

**Chatsworth, CA** ~ One of the world's most popular string pots used by test and instrumentation engineers now offers new features designed for extreme shock and temperatures.

Celesco Transducer Products, one of the world's leading designers and manufacturers of linear and rotary measurement transducers, announced these features to its MT2A aerospace and automotive test stringpot. The MT2A is designed specifically for testing in those two industries. Available in 3, 9, 15 and 30-inch stroke ranges, this sensor now offers an expanded operating temperature range and a new rugged aluminum sensor cover option.

Celesco's MT2A miniature string pot is available with an operating temperature of -65° to 255°F. It offers an all-aluminum sensor cover option that is ideal for extreme high-impact or harsh applications. And it is specifically designed to meet the high accuracy, high cycle and high acceleration demands of the aerospace and automotive industries.

"The string pot can survive the demands of high vibration and high shock applications such as flight, crash and explosive shock tests," said Celesco General Manager Jim Bishop. "We have committed to building robust sensors that our customers can depend on even during these extremes."

This compact string pot is fully adjustable and easy to install thanks to its mounting bracket that feature 2-axis, 360-degree rotation. It is ideal for applications where tight or difficult mounting is a frequent challenge.

The high-tension, heavy-duty measuring cable consists of .019-inch nylon-coated stainless steel and affords acceleration of 136 Gs, Bishop said.

"This miniature string pot is specifically designed to meet the high accuracy, high cycle and high acceleration demands of the aerospace industry," Bishop said. "I guess you can say this sensor has some bulletproof features that hold up under extreme conditions, providing tremendous flexibility for our customers."

Aerospace structural test engineers have long used Celesco stringpots to measure deflections of aircraft structures while testing, since they are easy to install and are very accurate.

This new level of durability, along with the other advanced features of the MT2A, such as superb installation flexibility and frequency response, make this the most advanced sensor for dynamic testing on the market.

Additional models in this series include the MT2E for an encoder output signal and the MT3A for wet applications. Other applications include crash testing, drop tests, automotive suspension testing, airplane landing gear testing, space vehicle landing, strut tests and aircraft structural testing.

The key applications and benefits of the MT2A include:

- Operating temperature has been expanded to -65 to 225° to accommodate harsh environments
- Flight testing of actuators and surfaces
- Crash tests of automobiles

- Suspension testing of OEM vehicles and race cars
- Additional structural testing
- New aluminum sensor cover option
- Includes high tension measuring cable option
- Fully adjustable and easy to install
- Precision potentiometric output signal
- Mounting bracket features 2-axis, 360-degree rotation

## ABOUT CELESCO

CeleSCO Transducer Products, Inc. designs and manufactures a wide range of linear and rotary measurement transducers that set the standard for easy and reliable position measurement. Founded in 1968, the company has a history of engineering and manufacturing transducers of the highest quality, for exacting applications such as industrial process control, medical equipment, automotive testing and flood-control projects.

As the world's largest volume supplier of cable extension "string-pot" position transducers, CeleSCO has an extensive range of standard product lines that have short lead times. The company also produces specialized, high-volume OEM transducers, a standard line of shaft-driven rotational position transducers, as well as a line of magnetically damped inclinometers.

CeleSCO transducers are proven to be reliable, cost effective, and easy to install and maintain. OEMs and end-users choose CeleSCO transducers because of their confirmed high accuracy, resolution and repeatability.

Visit CeleSCO's website at [www.celesco.com](http://www.celesco.com) or call 818-701-2750 or toll-free at 800-423-5483 for more information.