



Celesco Transducer Products, Inc.
20630 Plummer Street
Chatsworth, CA 91311
Phone: (800) 423-5483
Fax: (818) 701-2799
Contact: Jim Bishop, General Manager
Email: jim.bishop@celesco.com



FOR IMMEDIATE RELEASE

Popular MT3A Automotive and Aerospace Testing String Pot Built for Harsh Wet Environments

Chatsworth, CA ~ Celesco Transducer Products has been building the world's most popular and efficient string pots for many years. Now the company is pleased to introduce the MT3A, the solution for high-acceleration test applications in potentially wet environments.

Simply put it's the only string pot of its kind that offers such flexibility, protection and overall features.

As one of the world's leading designers and manufacturers of linear and rotary measurement transducers, Celesco has made some significant improvements with this new version to its MT2A. Designed specifically for aerospace and automotive testing, this string pot is available in 3, 9, 15 and 30-inch stroke ranges.

The sensor offers an expanded operating temperature range and a new rugged aluminum sensor cover option. It has 3 different cable tension options for tests all the way to 90 Gs. "To put that in perspective, testing to 90 Gs is like jumping out of an airplane and falling 90 times faster than gravity is pulling you down," said Celesco General Manager Jim Bishop.

A perfect linear position test sensor built to withstand the rigors of outdoor applications, the MT3A has O-ring seals that protect it against wet environments. These features allow customers to submerge the string pot temporarily in water without adverse effects. And with an all-aluminum sensor cover option, it can work effectively in extremely brutal applications.

"This is a cable-extension position transducer that is the most rugged option on the market today," Bishop said. "The MT3A is a great test sensor for many test applications from off-road suspension to prototype vehicle instrumentation."

The MT3A has a high-tension, rugged measuring cable that is specifically designed for the demands of both flight and automotive crash tests. It comes with a simple-to-use 2-axis, 360-degree rotating mounting bracket, allowing it to be easily installed in challenging locations.

Celesco's MT3A miniature string pot has an operating temperature of -40° to 250°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.

Additional models in this series include the MT2E for an encoder output signal and the MT2A designed to meet the high accuracy, high cycle and high acceleration demands of the aerospace industry. 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 MT3A include:

- Essentially infinite resolution
- Enclosure that is made of anodized aluminum
- Automobile crash testing
- Suspension testing of OEM vehicles and race cars
- Additional structural testing
- Aluminum sensor cover option
- New high tension measuring cable options

- Fully adjustable and easy to install
- Precision potentiometric output signal.
- Mounting bracket features 2-axis, 360-degree rotation
- Conductive plastic-hybrid potentiometer sensor

ABOUT CELESCO

Celeco 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, Celeco 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.

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

Visit Celeco's website at www.celesco.com or call 818-701-2750 or toll-free at 800-423-5483 for more information.