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FOR IMMEDIATE RELEASE



## Celesco's PT9420 Linear Position Sensor Offers Proven, Flexible Features

**Chatsworth, CA** ~ The PT9420 sensor from Celesco Transducer Products is one of the most full-featured position transducers on the market today because of the many flexible and convenient features it offers.

Built for virtually any type of environment, this sensor is used in a wide variety of industries from material handling to water management, and hydraulic cylinder position to crane applications. In fact, more industries are finding out about the PT9420's benefits every day.

"Its ability to provide customers with a wide range of options means it is one of the best values of any sensor available," said Celesco General Manager Jim Bishop. "We feel that no sensor offers a more significant return on investment."

As one of the world's leading designers and manufacturers of linear and rotary position transducers, the PT9420 provides another example of how Celesco Transducer Products continues as an industry leader in sensors. There are numerous features for the PT9420, including 2-wire 4-20 mA output signal and 3-wire 0-20 mA. It has an intrinsically safe option for hazardous areas and comes with aluminum and stainless steel housing options.

The expanded 75-1,700 inch stroke range can't be found with many other string pots. Because it is sealed to meet NEMA 4 and IP67 standards, this cable-extension transducer will perform under extremely difficult environmental conditions. That includes protection from extremely dirty and mucky environments, meaning it can be used virtually anytime and anywhere.

Optional IP68 conformance and pressure testing is available for submerged applications. The potentiometer cycle life offers a long life cycle before signal degradation starts to occur.

This sensor can be installed in minutes and it works properly without perfectly parallel alignment. In addition it measures just six inches when the cable is fully retracted. Optional pressure testing is available down to 100 feet of water for submerged applications.

"Both our standard and extended range PT9420 sensors are considered to be among the most durable and reliable products in the market today," said Celesco General Manager Jim Bishop. "What sets these sensors apart is how versatile they are. For example we offer an all-synthetic, high strength cable for high acceleration applications and CSA certification for hazardous area applications."

There are many key applications and benefits of this feature-driven PT9420 transducer. A few of the more significant benefits include:

- Operating temperature of -40 to 200 degrees Fahrenheit to accommodate harsh environments
  - 2-wire 4 to 20 mA
  - 3-wire 0 to 20 mA
  - Standard stroke range of 75 to 550 inches and extended range of 600 to 1,700 inches
  - Accuracy of plus or minus .12 percent full stroke
  - Resolution is essentially infinite
  - Enclosure material of power-painted aluminum or 303 stainless steel
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## **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.