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FOR IMMEDIATE RELEASE



Celesco's SR1E Low Cost Industrial String Pot is Designed for Multi-Use Environments

Chatsworth, CA ~ Celesco Transducer Products, one of the world's leading designer's and manufacturer's of linear and rotary measurement transducers, now offers the SR1E, their latest solution in a line of low-cost, high-performance string pots built to withstand wet environments and rigorous outdoor applications.

Designed for construction equipment and factory use, Celesco's SR1E provides the perfect low-cost solution for not only OEMs, but stocking distributors as well. The entire line of Celesco's SR1 Series, including the SR1E are available from stock and ready for immediate shipment anywhere in the world.

Robust by design, the heart of the SR1E sensor has an incremental encoder that delivers a linear resolution of 101 pulses per inch, while providing a full stroke linear measurement range of up to 125 inches or 3 meters.

According to Jim Bishop, General Manager for Celesco Transducer products, Inc. "The affordability of the SR1E provides the customer with a high accuracy, cable driven device that installs quickly and easily while being an ideal fit for multi-environment use."

The SR1E ships with an industry-standard push-pull encoder driver that can be powered by 5-30 VDC although other resolutions and complimentary channels are available upon request from the factory. Additionally, each sensor ships with a 4-pin, field installable, M12 connector while an optional 13 feet or 4 meter cordset may also be specified to fit the end users application-specific requirement.

Measuring 8" x 4" x 4.75", the compact SR1E weighs just 2.5 lbs. (1.3Kg) and has a polycarbonate, Nema 6, IP67 rated enclosure for use in wet/dust prone environments.

Other noteworthy specifications include:

- Operating temperature range: -4 to +185°F (-20 to +85°C)
- Maximum velocity: 80 inches (2 meters) per second
- Maximum acceleration: 10G's (retraction)
- Measuring cable: .034-inch diameter, nylon-coated stainless
- Output driver current: 20mA max., source/sink
- Input current: 100mA max., no load
- Accuracy: $\pm 1\%$ Full Scale Output (FSO)
- Repeatability: $\pm 0.5\%$ Full Scale Output (FSO)

Adjustment of the SR1E measuring cable can be accomplished via the removal of 4 mounting bracket screws and rotating the bracket to one of four available positions. To adjust the electrical connector, removal of the four rear cover screws is required to separate the cover from the sensor body; rotation of the rear cover to the desired position is then possible.

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.