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FOR IMMEDIATE RELEASE

Multi-Turn Hall Effect Rotary Position Sensor – Product Expansion

Lisle, IL – CTS Corporation (NYSE: CTS) announces the release of new multi-turn non-contacting series 286 rotary position sensor. Multi-turn, Hall Effect rotary position sensors are designed for the most demanding applications in the industrial, medical, transportation, and other markets. Quality, performance, and reliability are core aspects of this series of rotary position sensors.



Single-turn non-contacting Hall effect rotary position sensors have seen success in many applications that require long life and reliability, even in harsh environments. The next step in this development is the multi-turn sensor, which can keep track of positions and numbers of turns beyond 360 degrees, as well as long linear runs. This valuable combination of range with high reliability is a must in the growing area of Industry 4.0, IIoT, and others.

This new rotary position sensor series supports various industrial, medical, and transportation applications. This product series is best suited for applications where high resolution and high reliability are critical.

Applications examples

- Wheel Balancing Equipment
- Agriculture Equipment
- Construction Equipment
- 2-wheel cycles & scooters
- Pneumatic Control Valves
- Actuator Motor Positioning
- Lift & Shuttle Control
- Portable Ultrasound Machines
- Patient Platform Positioning
- Dental Chair Positioning
- Diagnostic Equipment
- Mobility Equipment

Product Features

- Up to 10 turns with 3600° provide a higher range of positional data
- No physical contacts to wear out due to non-contacting Hall Effect technology
- Extended field deployment with long-lasting 10M cycles of rotational life
- Precision linearity & hysteresis allows precise position sensing
- Suitable for use in cold or hot environments with a wide operating temperature range
- Impervious to dust and moisture due to IP67 rating
- Protection against EMI with standard Internal shielding

Custom Capabilities

- Bushing length and diameter options
- Terminal options
- Cable/connector customization
- Custom electromechanical assemblies using CTS components
- Shaft diameter & length options



Sales Contact

Production volume and samples are available now. To learn more, visit the CTS website at https://www.ctscorp.com/sense_product_line/rotary-position-sensors/.

Contact a sales representative or locate a distributor at <https://www.ctscorp.com/contact/>

About CTS

CTS (NYSE: CTS) is a leading designer and manufacturer of products that Sense, Connect, and Move. The company manufactures sensors, actuators, and electronic components in North America, Europe, and Asia. CTS provides solutions to OEMs in the aerospace, communications, defense, industrial, information technology, medical, and transportation markets.

For more information on CTS Corporation, please visit www.ctscorp.com.

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