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FOR IMMEDIATE RELEASE

## CTS Releases New Series 285 Non-Contacting Rotary Position Sensor

**Lisle, IL** – CTS Corporation (NYSE: CTS) has announced a new non-contacting rotary position sensor for applications that may encounter harsh environments. Series 285 non-contacting rotary position sensor delivers high performance over a wide operating temperature range of -40°C to +125°C for applications that require accurate position sensing in various environmental settings. Offered with standard 5.0 and 3.0 VDC powering options, the Series 285 is can be used in standard and energy-efficient applications.



Series 285 offers high durability with 10 million cycles of rotational life, and linearity as low as  $\pm 0.25\%$  and hysteresis as low as 0.2% for precision position sensing. This product is offered with a standard internal shield to eliminate any electromagnetic interference (EMI) that may be emitted from neighboring components or motors. Three standard ingress protection (IP) options (50, 54, & 67) provide the right grade of protection suitable for the application. Other key features include a high vibration rating (30 Gs) for applications under constant vibration, and optional 270° and 320° electrical angles with end stops for applications that require a shorter mechanical travel.

As many industrial applications continue to transition from the traditional contacting technology to non-contacting technology to capitalize on lower maintenance cycles and service cost savings, CTS can provide the right non-contacting position sensing solution.

### Applications Include:

- Patient Platform Positioning
- Draw Wire Sensors
- Pneumatic Control Valves
- Actuator Motor Positioning
- Twist Throttle Control
- Pedal Position Control
- Lift & Shuttle Control
- Wheel Balancing
- Portable Generators
- Riding Mowers
- Agriculture Equipment
- Construction Equipment
- Dental Chair Positioning
- Diagnostic Equipment
- Mobility Equipment
- Marine Controls
- Medication Management
- Light Rail

Custom modifications required to fit specific applications are available on request. Please contact your local CTS Sales Representative for details. Complete product listings and data sheets can be found on the CTS website at: <https://www.ctscorp.com/products/controls>.



**Sales Contact**

Production volume and samples are available now. To request more information, visit the CTS website 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](http://www.ctscorp.com).

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