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FOR IMMEDIATE RELEASE

CTS Releases New Series 285 Flange Mount Non-Contacting Rotary Position Sensor

Lisle, IL – CTS Corporation (NYSE: CTS) announces a new non-contacting rotary position sensor with flange mount configuration for applications that encounter harsh environments. The Series 285 core design is a Hall-effect non-contacting rotary position sensor that 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 can be used in standard and energy-efficient applications.



Series 285 flange mount rotary position sensor 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 in single and dual outputs with a variety of standard effective electrical angles. 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 200°, 270°, and 320° electrical angles with end stops for application that require 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 position sensing solution.

Applications Include:

- Small Engine Applications
- Patient Platform Positioning
- Pneumatic Control Valves
- Actuator Motor Positioning
- Twist Throttle Control
- Pedal Position Control
- Lift & Shuttle Control
- Portable Generators
- Riding Mowers
- Agriculture Equipment
- Construction Equipment
- Dental Chair Positioning
- Marine Controls
- Light Rail
- Mining Equipment

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/sense_product_line/rotary-position-sensors/.



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.

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