

UniMeasure Inc Expands Rotary Position Sensor Portfolio to Address Industrial Automation Requirements

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UniMeasure Inc, a leading manufacturer of position and velocity sensors based in Corvallis, Oregon, has expanded its portfolio of rotary position sensing solutions to meet the increasing demand for precise motion measurement in industrial automation applications. The enhanced product line addresses the growing need for accurate position feedback across manufacturing, aerospace, automotive, and medical sectors.

The expansion comes as industrial facilities increasingly require sophisticated position measurement technologies to optimize their automated processes. With over three decades of experience in the linear and rotary transducer industry, UniMeasure Inc has developed advanced sensing solutions that deliver the precision and reliability demanded by modern industrial applications.

"The evolution of industrial automation has created unprecedented demand for accurate position feedback systems," said Zack Peterson, Director of Engineering at UniMeasure Inc. "Our expanded rotary position

sensor offerings provide manufacturers with the precise measurement capabilities they need to enhance process control, improve product quality, and reduce operational downtime."

UniMeasure Inc rotary position sensor types now include enhanced rotary encoders that convert angular position into digital signals, providing real-time data on rotational movements of mechanical components. These sensors utilize advanced encoder technology to deliver absolute output signals essential for closed-loop process control and testing applications where oscillatory rotary motion occurs.

The company's rotary position transducers provide analog output signals proportional to the angle of rotation, making them particularly suitable for applications requiring continuous position monitoring. These devices have been engineered to maintain accuracy even in challenging industrial environments with temperature fluctuations and mechanical vibrations.

Beyond rotary sensing solutions, UniMeasure Inc continues to manufacture its established line of linear position transducers, commonly known as string pots or draw wire transducers. These devices complement the rotary sensor portfolio by providing cost-effective linear displacement measurement for applications ranging from crude oil extraction to water management systems.

The expanded sensor portfolio serves diverse industrial sectors including OEM equipment manufacturers, fluid control systems, agricultural machinery, and motorsports applications. Each sensor type undergoes rigorous testing to ensure it meets the precision standards required for industrial automation environments.

Motor position sensors within the expanded portfolio enable precise motor feedback, allowing for rapid adjustments and improved synchronization across different system components. These sensors provide critical data on position, speed, and direction, facilitating enhanced control over industrial processes.

The company's commitment to domestic manufacturing ensures consistent quality control and rapid response to customer requirements. All sensors are produced at the company's Oregon facility, where engineering and production teams collaborate to maintain the precision standards that industrial customers depend upon.

UniMeasure Inc has been serving the position sensing market since 1987, establishing itself as a trusted provider of measurement solutions for industrial applications. The company specializes in both linear and rotary position measurement technologies, offering comprehensive product selection guides and installation support to ensure optimal sensor performance in diverse industrial environments.

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For more information about UniMeasure Inc, contact the company here:UniMeasure IncZack Peterson(541)

757-3158sales@unimeasure.comUniMeasure IncCorvallis, OR 97333

UniMeasure Inc

UniMeasure, Inc. has been manufacturing position and velocity sensors in Corvallis, Oregon since 1987. The company has steadily grown over the years to become a leader in the linear and rotary transducer industry.

Website: https://unimeasure.com/

Email: sales@unimeasure.com

Phone: (541) 757-3158

