WESTLOCK CONTROLS

ACCUTRAK SWITCHBOXES

INDUSTRY LEADING LIMIT SWITCHBOX TECHNOLOGY

www.westlockcontrols.com

WESTLOCK® CONTROLS

Welcome to Westlock Controls, the global leader in valve monitoring and control solutions. For over four decades, we've been dedicated to engineering products that stand the test of time and provide our customers with the diagnostic tools needed for optimal operational performance.

WESTLOCK® ACCUTRAK SERIES

When precision, durability, and uptime define the success of an operation, the AccuTrak Series delivers the level of performance plants rely on. As the industry's leading switchbox platform, AccuTrak combines advanced engineering, premium materials, and proven reliability to provide consistent, accurate valve position feedback in the most demanding environments.

Built for sectors where safety and compliance are non-negotiable—oil and gas, chemical processing, water treatment, and beyond—AccuTrak is backed by global certifications that ensure dependable operation across hazardous locations. Its robust construction, including stainless steel NAMUR mounting kits, corrosion-resistant components, and a wide range of switch options, gives operators a solution engineered for long-term resilience.

AccuTrak reflects Westlock's commitment to continuous improvement: smarter design, stronger materials, and performance that stands up to real-world conditions. It's the switchbox trusted worldwide to keep processes running, reduce maintenance interventions, and deliver reliable valve monitoring.

KEY FEATURES

- Global approvals, suitable for general-purpose to hazardous locations, ensuring reliable performance across diverse industrial applications
- Precise remote electrical position feedback, giving operators clear, dependable visibility into valve status to support safer, more efficient operation
- Local indication is immediate through the high-visibility Beacon, allowing technicians to confirm valve position at a glance without additional instrumentation
- Designed for versatility, AccuTrak supports both rotary and linear valve applications, creating a unified solution that simplifies standardization across the plant
- Industry's broadest range of sensing and switch technologies for specific application needs while maintaining long-term reliability

ACCUTRAK SERIES Engineered for Extreme Durability

CONSTRUCTION

AccuTrak switchboxes are engineered for long-term durability in the harshest industrial environments, with every component designed to resist corrosion, protect internal electronics, and maintain reliable performance over years of operation. From the terminal strips to the enclosure, each detail reflects Westlock's commitment to building equipment that stands up to real-world conditions.

NICKEL-PLATED TERMINAL STRIPS

Nickel-plated terminal strips provide secure, corrosion-resistant electrical connections that hold up in harsh conditions. By protecting signal integrity and reducing the risk of degradation over time, they help minimize maintenance interventions and keep operations running smoothly.

ADVANCED ENVIRONMENTAL SEALING

A precision dove-tail gasket design locks the seal firmly in place, creating a reliable barrier against dust, moisture, and airborne contaminants. This enhanced sealing approach safeguards internal components and ensures long-term performance—even in environments exposed to weather, washdowns, or heavy particulates.

ULTRA-LOW COPPER CONTENT ENCLOSURE

Constructed from low-copper aluminum and protected by a durable polyester powder-coated finish, the enclosure delivers outstanding corrosion and abrasion resistance. Iridite-treated flame paths provide an additional layer of protection, ensuring reliable performance in harsh temperatures, chemically aggressive environments, and demanding industrial applications.

TEMPERATURE PROTECTION

AccuTrak's rugged enclosure design is third-party tested and certified for operation at –58°F (–50°C), delivering proven reliability in harsh, cold-weather environments. This extreme temperature capability protects internal components and ensures consistent valve monitoring.

ACCUTRAK SERIES Broad Sensing Portfolio

OPTIMAL VALVE MONITORING

AccuTrak offers one of the most versatile switch portfolios in the industry, giving plants the flexibility to configure each device to their exact operational needs. Whether the priority is simplicity, long-life performance, or advanced non-contact sensing, AccuTrak delivers reliable, application-ready solutions that strengthen valve monitoring across the process.

MECHANICAL SPDT

Mechanical SPDT switches provide a straightforward, proven option for facilities that value rugged simplicity and consistent performance. Their durable construction makes them a dependable choice for a wide range of standard industrial applications.

INDUCTIVE PROXIMITY SENSORS

Inductive proximity sensors enable non-contact detection for environments where durability and long service life are essential. With no mechanical wear points, they offer reliable performance even in harsh or high-cycle conditions.

PROXIMITY/REED SWITCHES

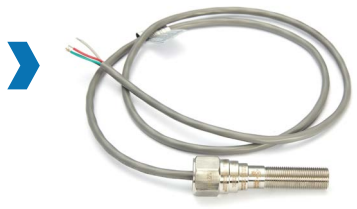
Proximity and reed switches deliver hermetically sealed protection for applications that demand maximum reliability. Their sealed design ensures stable performance in environments exposed to moisture, dust, or corrosive elements.

MAGPAC MODULAR SENSORS

MagPAC modules elevate sensing capability with magnetic SPST proximity detection and hermetically sealed components. Designed for demanding applications, MagPAC provides exceptional versatility and long-term durability, making it ideal for plants that require high-performance monitoring with minimal maintenance.

SILVER BULLET LINEAR POSITION SWITCH

A hermetically sealed proximity switch in a rugged 316 Stainless steel housing, built to withstand impact, vibration, and environmental stress for reliable performance in tough applications.



ACCUTRAK SERIES Delivering Maximum Uptime

TRUSTED POSITION FEEDBACK

AccuTrak's commitment to continuous improvement is at the core of its performance. Every generation of the platform is refined through rigorous third-party testing, material enhancements, and design upgrades that push reliability even further. This dedication ensures plants benefit from a monitoring solution that not only meets industry standards, but consistently exceeds them.

TEMPERATURE PROTECTION

AccuTrak enclosures are engineered for resilience in the toughest environments, with third-party certification for reliable operation down to –58°F (–50°C). This proven low-temperature performance makes AccuTrak a trusted choice for cold-weather regions, outdoor installations, and applications where extreme ambient conditions can threaten uptime.

ENCLOSURE OPTIONS

To support a wide range of industries and environmental challenges, AccuTrak is available in multiple enclosure options including low copper Aluminum, Engineered resin, and 316 Stainless steel.

Each material is selected to deliver superior protection against corrosion, chemicals, abrasion, and environmental stress, giving plants the flexibility to choose the right level of durability for their application.

NAMUR MOUNTING KITS

AccuTrak elevates reliability from the ground up, starting with 316 Stainless steel NAMUR mounting kits that deliver the same level of durability and corrosion resistance as the switchbox itself—all while remaining a cost-effective choice for long-term performance.

Corrosion Resistance — Built from premium 316 stainless steel, these mounting kits deliver long-lasting durability in harsh, corrosive environments.

Cost Efficiency — Offering superior materials without the premium price, they provide a smarter, more economical alternative to traditional carbon steel brackets.

Convenience — Designed to fit the three most common NAMUR actuator accessory sizes and supplied with all required hardware, they streamline installation while ensuring dependable performance.

Choosing AccuTrak's stainless steel mounting kits strengthens the entire valve monitoring assembly, extending equipment life and ensuring consistent, reliable performance even in demanding conditions.

THE INDUSTRY LEADING SWITCHBOX

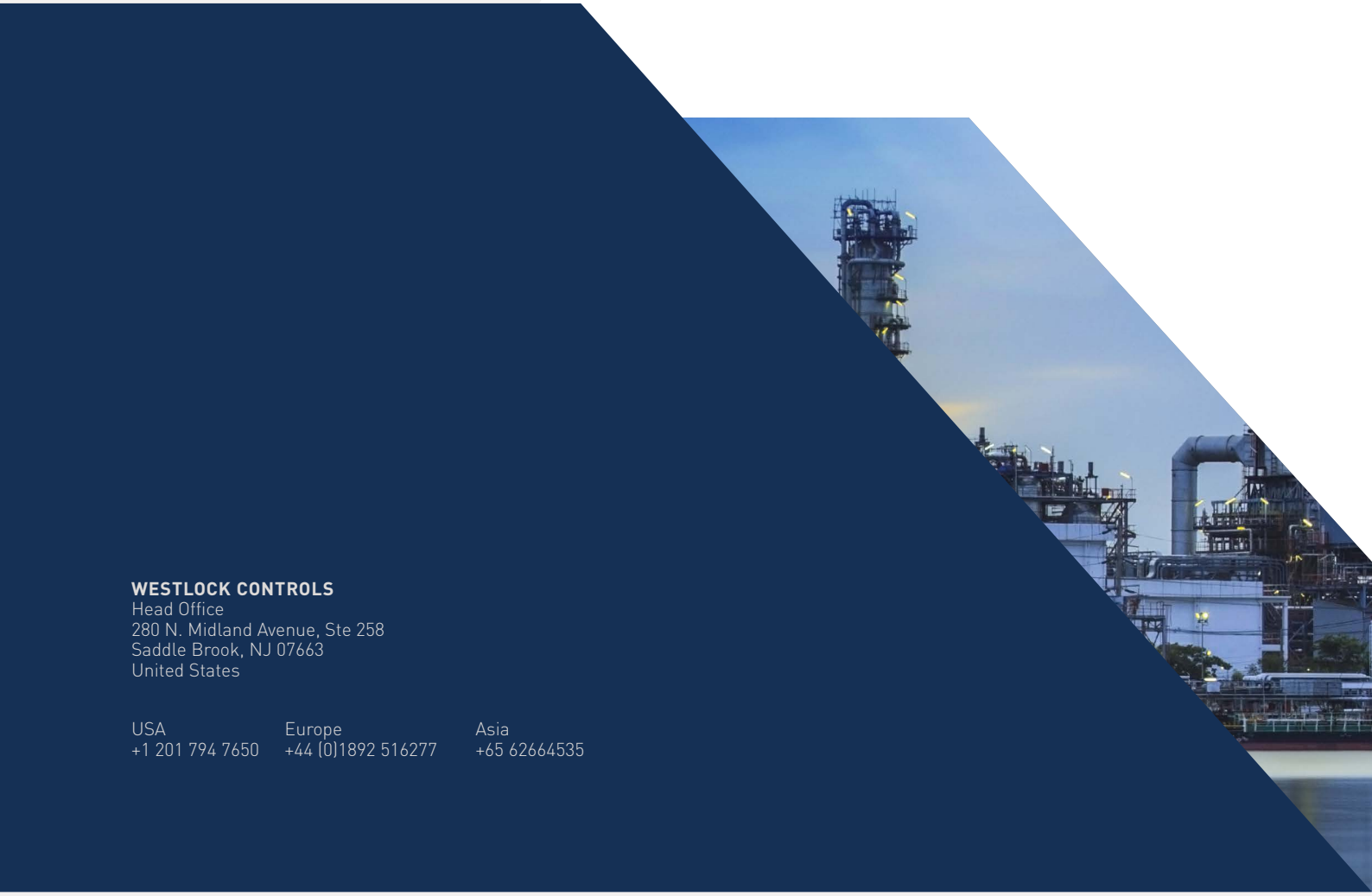
AccuTrak is built for environments where reliability is essential. Every element, from its premium material construction to its versatile sensing and switching technologies, is engineered to deliver consistent, long-term performance.

Featuring exceptional corrosion resistance, durable environmental protection, and flexible configuration options, AccuTrak integrates seamlessly into a wide range of industrial processes.

More than a switchbox, AccuTrak is a performance-driven platform that helps maximize uptime, strengthen operational confidence, and support continuous operational excellence.

CONTACT US

Phone: +1 201 794 7650
Email: globalsalessupport@westlockcontrols.com



WESTLOCK CONTROLS
Head Office
280 N. Midland Avenue, Ste 258
Saddle Brook, NJ 07663
United States

USA
+1 201 794 7650

Europe
+44 (0)1892 516277

Asia
+65 62664535

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CPE-WESTLOCK-ACCUTRAK-EB-TD30008-EN_05_2026