



THE INDUSTRY LEADING SWITCHBOX

THE ACCUTRAK SERIES



WESTLOCK
CONTROLS

INTRODUCTION

For industries where precision, durability, and uptime are critical, Westlock Controls' AccuTrak Series stands as the ultimate solution for valve monitoring. Renowned as the industry-leading switchbox, the AccuTrak Series combines superior features, exceptional material quality, and cutting-edge innovation to deliver unmatched reliability. With global certifications ensuring compliance with the highest industry standards, AccuTrak is trusted worldwide for safety and performance in demanding environments. Key advantages that make AccuTrak the preferred choice for sectors like oil and gas, chemical processing, and water treatment include its premium construction with stainless steel NAMUR mounting kits, a wide range of switch options, corrosion-resistant components, and a steadfast dedication to continuous improvement.



BUILT FOR EXTREME DURABILITY AND CORROSION RESISTANCE

AccuTrak's unwavering commitment to quality is reflected in every detail of its construction, from the terminal strips to the gaskets and enclosures. Each element is thoughtfully selected to withstand the demanding conditions of industrial environments, ensuring the long-term reliability and performance of its devices.

- **Nickel-Plated Terminal Strips:** AccuTrak features nickel-plated brass screws and clamps in its terminal strips, providing exceptional corrosion resistance and secure connections. These durable terminals significantly reduce the risk of electrical issues and minimize maintenance downtime, ensuring consistent operation even in challenging conditions.
- **Dove-Tail Gasket Design:** The innovative dove-tail groove design securely holds the gasket in place, ensuring a tight, consistent seal against dust, moisture, and other contaminants. This robust sealing solution is essential for maintaining the internal integrity of the device, especially in environments subject to harsh elements.
- **Copper-Free Aluminum Enclosure:** AccuTrak enclosures are crafted from copper-free aluminum and treated with a polyester powder coating for superior protection. Additionally, the flame paths are enhanced with Iridite coating, offering unparalleled corrosion and abrasion resistance. This combination of materials ensures the enclosures stand up to the toughest industrial conditions, from extreme temperatures to exposure to harsh chemicals and moisture.

These strategic design choices ensure that AccuTrak devices remain reliable and operational even in environments where corrosion, temperature fluctuations, and contamination are constant challenges. By prioritizing durability and corrosion resistance, AccuTrak helps safeguard uptime and reduce the need for frequent maintenance, delivering dependable performance when it matters most.



EXTENSIVE SWITCH OPTIONS FOR VERSATILE APPLICATIONS

AccuTrak's extensive switch selection allows customers to select the perfect configuration for their specific operational demands, ensuring optimal valve monitoring. From mechanical to advanced proximity and reed switches, the AccuTrak Series has solutions for diverse requirements.

- **Mechanical SPDT:** A reliable and straightforward option, perfect for applications that prioritize simplicity, mechanical robustness, and consistent performance in a variety of industrial settings.
- **Inductive Proximity Sensors:** Ideal for non-contact detection, these sensors offer enhanced durability, ensuring long-lasting reliability even in challenging environments where contactless sensing is essential.
- **Proximity/Reed Switches:** Hermetically sealed for maximum protection, these switches are designed to deliver high reliability and performance, even in harsh and demanding conditions.
- **MagPAC Modules:** Featuring SPST magnetic proximity detection with hermetically sealed components, MagPAC provides exceptional versatility for complex monitoring needs. Its robust design ensures dependable performance in demanding environments, making it an ideal choice for a wide range of industrial applications requiring flexibility and durability.



CONTINUOUS IMPROVEMENT FOR MAXIMUM UPTIME

AccuTrak's commitment to continuous improvement has driven several key advancements in product performance, including rigorous third-party testing and a low-temperature certification to -58°F (-50°C). This focus on adaptability makes AccuTrak an ideal choice for environments where extreme temperatures could otherwise compromise uptime. The enclosures have been third-party tested and certified for exceptional temperature resilience, ensuring reliable operation.

Through continuous innovation in both design and materials, AccuTrak has created enclosures that exceed traditional performance standards, offering enhanced durability and operational excellence. This dedication to ongoing improvement guarantees that customers benefit from maximum uptime and fewer disruptions—critical factors in industries where unplanned downtime can result in significant costs.





THE POWER OF STAINLESS STEEL NAMUR MOUNTING KITS

In valve monitoring equipment, the quality of the mounting hardware is just as critical as the switchbox itself. AccuTrak sets the standard with 316 stainless steel NAMUR mounting kits, offering exceptional corrosion resistance at a cost-effective price.

- **Corrosion Resistance:** Constructed from premium 316 stainless steel, these kits are designed to endure the harshest environments, ensuring long-lasting durability.
- **Cost Efficiency:** Unlike traditional bent carbon steel brackets, AccuTrak's mounting kits deliver superior materials without the added expense, making them an economically smart choice.
- **Convenience:** Engineered to fit the three most common NAMUR actuator accessory sizes and equipped with all necessary hardware, these kits simplify installation while ensuring reliability.

By choosing AccuTrak's stainless steel mounting kits, you not only extend the lifespan of your switchbox but also guarantee consistent performance in even the most demanding conditions.

THE TRUSTED SOLUTION FOR RELIABLE VALVE MONITORING

AccuTrak is engineered to deliver unmatched reliability and performance, making it the preferred choice for industries that demand precision and durability. Built with premium materials like 316 stainless steel and copper-free aluminum, it ensures exceptional longevity and resistance to wear, even in the toughest environments. With customizable and versatile switch options, AccuTrak adapts seamlessly to meet the unique needs of any application, offering unparalleled flexibility. Its advanced corrosion resistance and superior environmental sealing make it the go-to solution for harsh and demanding conditions.

AccuTrak is more than a switchbox—it's a commitment to reliability and operational excellence.

CONTACT US

Phone: +1-201-794-7650

Email: globalsalessupport@westlockcontrols.com



**Valve
& Automation**
Total Valve & Control Solutions®

JOHANNESBURG
Tel: 011 397 2833

DURBAN
Tel: 031 579 2593

South Africa:
0861 103 103

E-mail: sales@valve.co.za
www.valve.co.za

