WESTLOCK CONTROLS

CHINA

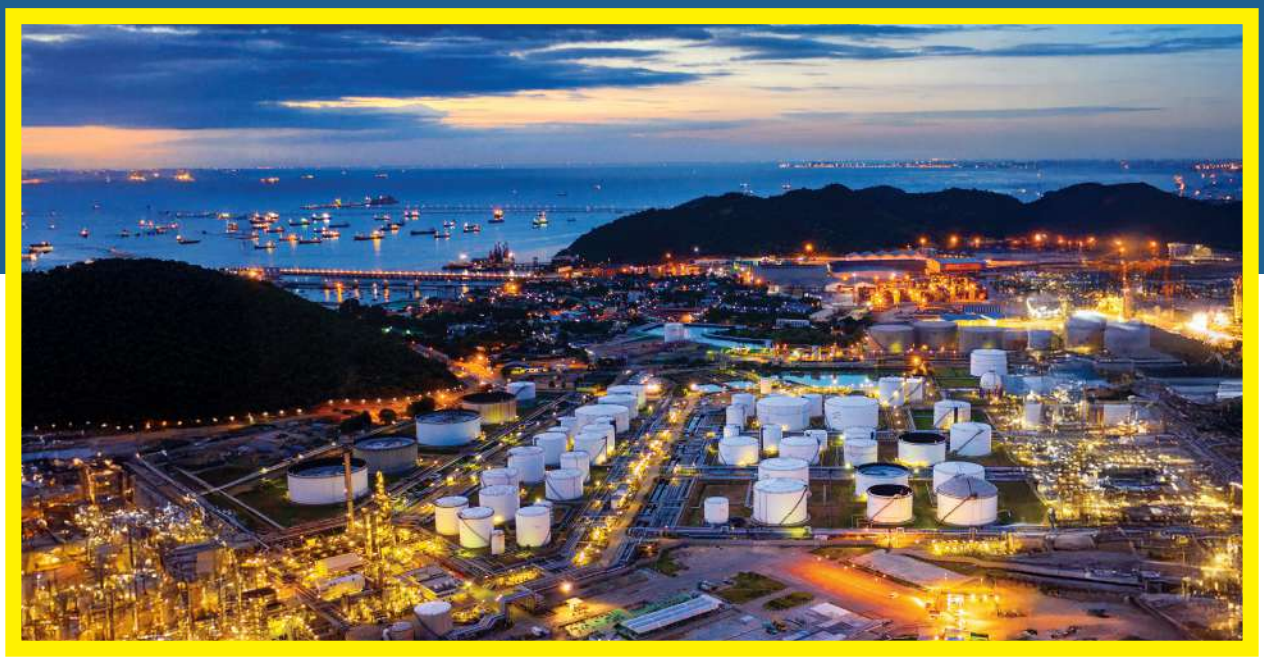
VALVE MONITORING & CONTROL SOLUTIONS

INTRODUCTION

Industries where reliability, precision, and safety are paramount. Since 1984, Westlock has engineered cutting-edge solutions that redefine efficiency and performance in valve automation. Our products are designed to last, equipping customers with advanced diagnostics and intelligence to optimize operations and maximize uptime.

At Westlock, we offer a comprehensive range of solutions for both on/off and modulating valve applications. Our industry-leading limit switchboxes and advanced 4-20mA position transmitters provide real-time, accurate feedback for seamless operation. To further streamline your valve package, we offer an integrated, pre-wired solenoid pilot valve, delivering ultra-fast commissioning and global certification compliance—all in one package. For control valve applications, our smart positioners feature ultra-fast auto-calibration, an intuitive user interface, and Hall Effect sensors for superior reliability. Our digital positioners go even further, integrating industry standard network protocols to provide actionable diagnostics that keep your plant running smoothly and efficiently.

From oil & gas and refining to chemical processing, power generation, water & wastewater, and beyond, Westlock Controls solutions are trusted by the biggest industry leaders across China, and the world. At Westlock, we don't just build products—we engineer confidence through rigorous testing, innovative design, and an unwavering commitment to excellence. When uptime, performance, and compliance matter, Westlock Controls is the partner you can trust.



PRODUCT PORTFOLIO

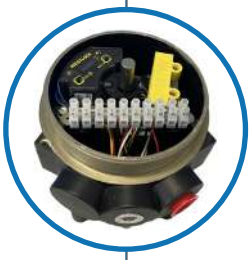
ON/OFF

ACCUTRAK ROTARY
AccuTrak 2600, 3300, or 3500 Series

- Switch technology proven up to 100M cycles
- Explosionproof/Flameproof, Intrinsically Safe, & General Purpose applications
- 316 Stainless Steel, Aluminum, & Engineered Resin enclosures

ACCUTRAK LINEAR
AccuTrak Silver Bullet or 3479 Series

- Exceptional resistance to corrosion, vibration, and extreme temperatures
- Explosionproof/Flameproof linear applications
- 316 Stainless Steel enclosures



DIGITAL TRANSMITTERS
Digital EPIC D200 Series

- Modular 4-20mA loop current devices with non-contact Hall Effect sensing & HART® enabled protocol for continuous monitoring
- Explosionproof/Flameproof & Intrinsically Safe applications
- 316 Stainless Steel & Aluminum enclosures

MODULATING

SMART POSITIONERS
K20 Series

- Simple auto-calibration & installation
- LCD & HART® for easy communication
- Non-contact Hall Effect position sensing
- Standard 4-20mA position feedback transmitter
- Available with integrated limit switches

DIGITAL POSITIONERS
ICoT Series

- Enhanced diagnostics for easy troubleshooting
- LCD & industry standard protocols for streamlined communication
- Non-contact Hall Effect position sensing
- Available with remote mount for complex environments
- Integrated 4-20mA position feedback transmitter

TOP SOLUTIONS THAT REVOLUTIONIZE VALVE MONITORING & CONTROL

When it comes to valve automation, precision and reliability are non-negotiable. That's why we're proud to present the top-performing solutions in China for valve monitoring and control.

From industry-leading limit switchboxes to cutting-edge transmitters and positioners, each product in our lineup is engineered to perform and built to last. Whether you need ultra-fast commissioning, reliable feedback, or actionable insights, our solutions empower you to take full control of your valve applications and deliver unbeatable operational performance.

TOP PERFORMING SOLUTIONS

ACCUTRAK ROTARY

ACCUTRAK 2600
Explosionproof/Flameproof Limit Switchbox

The AccuTrak 2600 Series is engineered to meet the strict safety and compliance requirements of the China market. Fully certified with CCC and NEPSI, it ensures reliable performance in hazardous environments where explosive gases or dust may be present. These certifications make the 2600 Series a trusted choice for facilities operating under rigorous local standards in industries such as oil & gas, chemical processing, and power generation.

In addition to localized compliance, the AccuTrak 2600 Series also meets global safety benchmarks. It is ATEX and IECEx certified to Ex db IIB+H_2 providing Flameproof protection for environments with hydrogen and other volatile gases. Combined with SIL 3 functional safety certification, this switchbox delivers peace of mind for high-risk operations worldwide.

Built with rugged construction and a compact design, the AccuTrak 2600 Series offers dependable valve position monitoring in demanding applications. It is available with SPDT mechanical switches, inductive proximity sensors, and Magnum SPDT proximity switches, giving users flexibility and precision for diverse control requirements. For added durability, the 2600 Series offers enclosure options in aluminum or 316 stainless steel, ensuring long-term reliability in harsh environments.

By integrating China-specific certifications with international standards, the AccuTrak 2600 Series provides a comprehensive solution for explosionproof safety across global and local markets.

ACCUTRAK 3300
Intrinsically Safe Limit Switchbox

The AccuTrak 3300 Series is designed to meet the stringent safety requirements of the China market, carrying CCC and NEPSI certifications for full compliance with local regulations. This makes it an ideal choice for facilities operating under strict safety protocols in hazardous environments where intrinsic safety is critical.

Built for Intrinsically Safe applications, the 3300 Series minimizes electrical and thermal energy to prevent ignition in explosive atmospheres. Certified to Ex ia, it ensures exceptional protection in areas with flammable gases or dust.

To meet diverse application needs, the AccuTrak 3300 offers multiple enclosure options—engineered resin, 316 stainless steel, and aluminum—providing durability and reliable performance in demanding conditions. It can be configured with mechanical switches featuring gold-plated contacts, inductive sensors, or Magnum SPDT proximity switches, delivering precise and versatile valve position monitoring.

In addition to localized compliance, the 3300 Series also meets ATEX and IECEx standards, making it a globally recognized solution for Intrinsically Safe environments.

ACCUTRAK 3500
Weatherproof/General Purpose Limit Switchbox

The AccuTrak 3500 Series is designed for reliable valve position monitoring in General-Purpose applications, delivering durability and performance in demanding industrial environments. Engineered to meet IP66/67 environmental sealing standards, it provides robust protection against dust and water ingress, ensuring long-term reliability in harsh conditions.

In addition to its rugged design, the 3500 Series carries SIL 3 functional safety certification, offering confidence for operations that require high reliability and risk reduction.

For maximum versatility, the AccuTrak 3500 offers a broad range of switching configurations and enclosure options—engineered resin, aluminum, or 316 stainless steel—each designed for superior protection and long-lasting durability.

By combining global safety standards with proven performance, the AccuTrak 3500 Series is a trusted solution for General-Purpose valve monitoring across diverse industries.

ACCUTRAK LINEAR

ACCUTRAK 316 SILVER BULLET
Explosionproof/Flameproof Linear Position Switch

The AccuTrak 316 Silver Bullet is purpose-built for hazardous environments in China's industrial sectors, delivering safe and reliable performance where explosive gases or dust may be present. Fully certified with CCC and NEPSI, it meets local compliance requirements, making it a trusted solution for oil & gas, chemical processing, and other high-risk applications.

Constructed with a rugged 316 stainless steel enclosure, the Silver Bullet offers exceptional resistance to corrosion, vibration, and extreme temperatures—ensuring long-term durability in harsh conditions. Its Explosionproof and Flameproof design provides maximum protection in hazardous zones, while flexible installation options include SPDT tungsten contact configurations and extended lead lengths up to 6 meters (20 feet) for remote setups.

In addition to localized certifications, the Silver Bullet meets ATEX, IEC, NEC, and CEC standards and is rated SIL 3 for functional safety, delivering global compliance and peace of mind for critical operations.

Combining China-specific certifications, premium construction, and functional safety, the AccuTrak 316 Silver Bullet is the ideal choice for operators seeking reliability, precision, and cost efficiency in demanding environments.

ACCUTRAK 3479
Explosionproof/Flameproof Linear Switchbox

The AccuTrak 3479 Series is designed for linear valve applications in hazardous environments where explosionproof and flameproof protection is essential. Built for durability, it features a 316 stainless steel enclosure rated Type 4, providing superior resistance to corrosion and harsh conditions.

This series includes Magnum SPDT proximity switches, ensuring reliable performance even in environments with high moisture, dust, or corrosive elements. For added flexibility, the 3479 can be configured with or without the Eliminator conduit option. The Eliminator design reduces external conduit runs, lowering installation time and material costs, while improving safety and compliance—an important advantage for facilities seeking cost-effective solutions without compromising reliability.

For the China market, the AccuTrak 3479 combines global explosionproof certifications with rugged construction for industries such as petrochemical, power generation, and chemical processing. Its robust design helps minimize downtime, enhance operational safety, and ensure long-term performance in demanding environments.

DIGITAL TRANSMITTERS

DIGITAL EPIC D241 & D251
Intrinsically Safe Position Transmitters

The Digital EPIC D241 and D251 models are advanced position transmitters designed for rotary valves in applications requiring Intrinsically Safe protection (Ex ia). Both models hold NEPSI certification, ensuring compliance with China's GB 3836 standards for explosive atmospheres, and are globally certified to Ex ia under ATEX, IECEx, as well as NEC and CEC standards.

The D241 features a rugged aluminum enclosure, delivering a lightweight yet durable solution for demanding applications. For environments with extreme corrosion or harsh conditions, the D251 offers a 316 stainless steel enclosure, providing superior resistance and long-term reliability.

The D200 position transmitter has the option of additional Magnum switches, P&F sensors or SPDT mechanical switches, offering precise and versatile valve position monitoring.

DIGITAL EPIC D261 & D271
Explosionproof/Flameproof Position Transmitters

The Digital EPIC D261 and D271 models are rugged, high-precision position transmitters engineered for rotary valve applications in demanding industrial environments. Certified by NEPSI to meet China's GB 3836 standards for hazardous areas, these units can also be supplied under ATEX, IECEx, NEC, and CEC schemes, with Ex d IIC flameproof protection for use in explosive gas atmospheres.

Built with a durable aluminum (D261) or stainless steel (D271) enclosures with a threaded cover, these models deliver accurate feedback and dependable performance across a wide range of applications. The D200 position transmitter has the option of additional Magnum switches, P&F sensors or SPDT mechanical switches, providing versatility for complex control systems.

Combining NEPSI certification, flameproof Ex d IIC protection, and proven reliability, the D261 and D271 are ideal solutions for industries where safety and precision are critical.

DIGITAL EPIC D281 & D291

Explosionproof/Flameproof Position Transmitters

The Digital EPIC D281 and D291 models are robust position transmitters engineered for rotary valve applications in hazardous environments. Certified by NEPSI to meet China's GB 3836 standards, these units can also be supplied with global approvals under ATEX, IECEx, and NEC schemes, featuring Ex d IIB + H_2 flameproof protection for use in hydrogen-rich and other explosive gas atmospheres.

Housed in rugged aluminum (D281) or stainless steel (D291) enclosures with secure bolt-on mounting, these transmitters deliver precise position measurement and continuous monitoring to optimize valve control. The D200 series offers optional Magnum switches, P&F sensors, or SPDT mechanical switches for versatile monitoring in complex control systems.

Combining NEPSI certification, flameproof Ex d IIB + H_2 protection, and proven reliability, the D281 and D291 are ideal solutions for industries where safety and precision are critical.

SMART POSITIONERS

K20

Intrinsically Safe & Non-Incendive Smart Positioner

The K20 is a versatile rotary control valve solution, fully compliant with ATEX, IEC, NEC, and CEC standards. With its intuitive interface and cutting-edge features, the K20 ensures easy installation and reliable performance even in the most demanding environments.

Offering enhanced feedback and visibility, the K20 features a standard 4-20mA output and additional switch options for real-time monitoring. The intuitive control interface includes a local LCD, optional HART protocol, and capacitive buttons for effortless configuration. For quick setup, the auto-calibration feature minimizes commissioning time, ensuring rapid, hassle-free installation.

Built for long-lasting reliability, the K20 utilizes non-contact sensing, fully potted electronics, and a frictionless spool valve manifold, delivering superior performance and durability in challenging applications.

DIGITAL POSITIONERS

ICOT
Intrinsically Safe & Non-Incendive Digital Positioner

The ICoT is an advanced rotary or linear positioner, fully compliant with ATEX, IEC, NEC and CEC standards. With industry-standard protocols, it delivers enhanced diagnostics and superior performance, ensuring precise control and reliable operation in demanding environments.

Optimized valve performance is achieved through an embedded microprocessor, ensuring fast, accurate response for precise valve control. The remote mount capability makes the ICoT ideal for high-vibration or corrosive environments, offering flexibility and safety by isolating the positioner from harsh conditions. Proactive monitoring and troubleshooting are made easy with an onboard pressure sensor that detects irregularities and error alerts, enabling timely adjustments to maintain optimal performance.

For seamless integration, the ICoT supports HART, FOUNDATION Fieldbus, and Profibus PA protocols, ensuring effortless connectivity with existing control systems and enhancing system interoperability.

EMPOWERING EFFICIENCY THROUGH INNOVATION

In China's ever-evolving industrial landscape, these valve monitoring and control solutions stand as a testament to innovation and engineering excellence. Carefully chosen for their exceptional accuracy, seamless integration, and unmatched durability, they redefine operational standards. More than just products, they are transformative tools that streamline processes, reduce downtime, and drive efficiency—empowering your plant operations to reach new heights of performance and reliability.

280 N MIDLAND AVE SUITE 258 SADDLEBROOK NJ 07663

33F HUAIHAI PLAZA | No. 1045 CENTRAL HUAIHAI ROAD | SHANGHAI CHINA 200031

+86 21 6127 3005 www.westlockcontrols.com
globalsalessupport@westlockcontrols.com