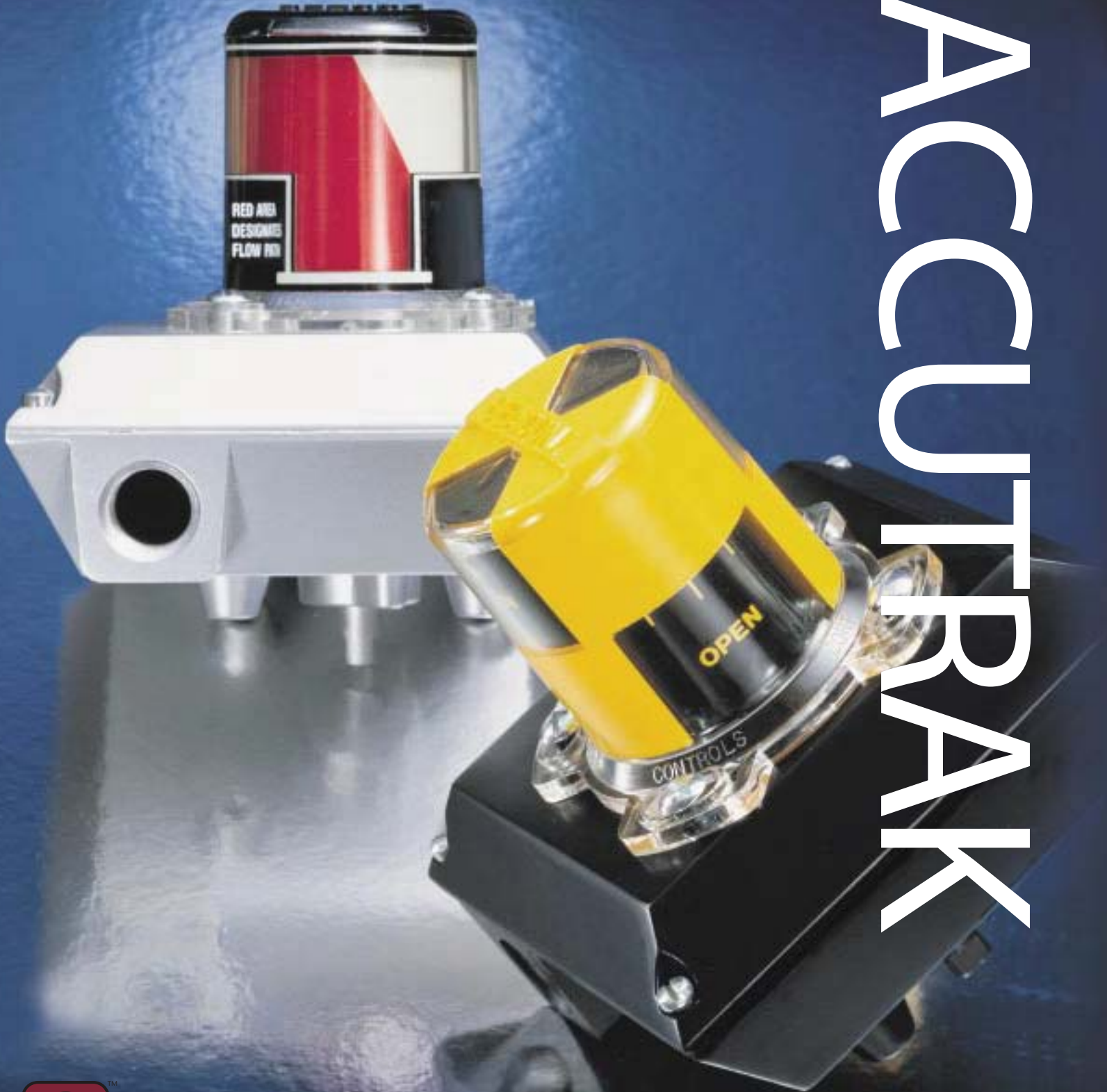


POSITION
MONITORING
FOR ROTARY
VALVES

ACCUTRAK



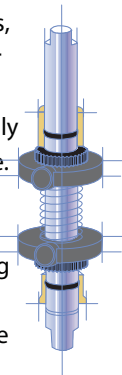
AccuTrak[®]

Design Features

Designed around a unique self-locking, spring-loaded TouchSet[™] cam mechanism attached to a stainless steel shaft and housed in an NEMA rated aluminum, stainless steel or engineered resin enclosure, the AccuTrak[®] utilizes bushings at both ends to assure concentric turning of the cams.



For digital signaling to lights, motors, micro processors, or peripheral equipment, two position sensors are standardly housed within the enclosure. The requirement for tools to adjust cam settings is unnecessary. The self-locking TouchSet cam mechanism allows for a quick and simple



hand operation in the setting of both sensors. Additionally, the AccuTrak is specifically designed for ease of wiring by the incorporation of abundant working space and a direct wire-feed terminal block. All that is necessary to make the unit operational is the bringing in of electrical leads to a single juncture.

BEACON[™] High Visibility Position Monitor

For isolated redundancy of valve position monitoring, the AccuTrak Dual Display Monitor is standardly equipped with a Beacon[™] high visibility or Three-Way Flow Path Monitor. Either display can be seen clearly up to 150 feet. In a glance, start-up and operating personnel can instantly determine the position of all monitored valves.

User Design Flexibility

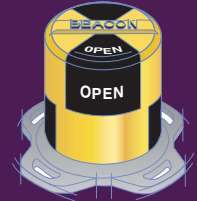
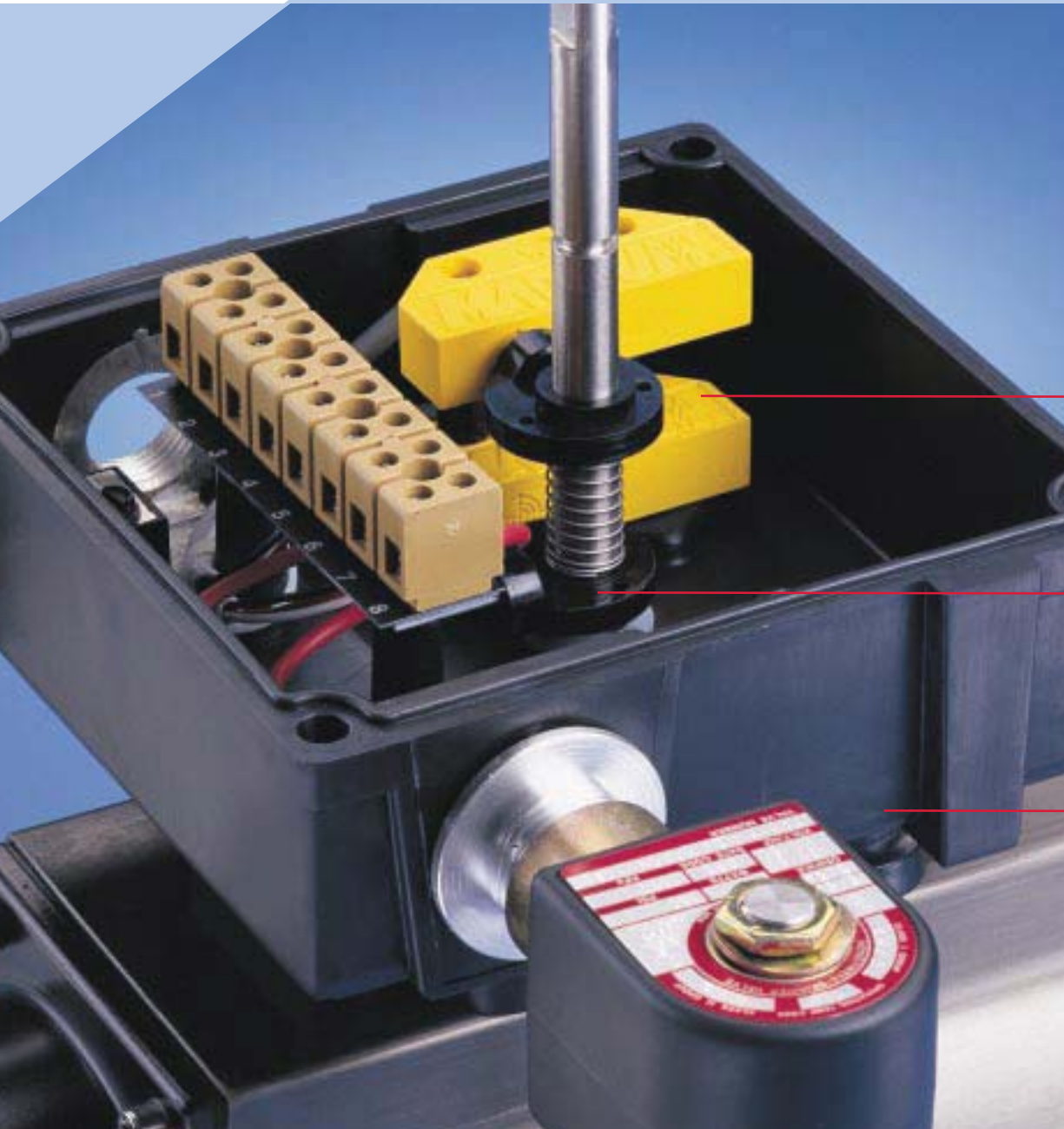
The Dual Display monitor allows the user the flexibility to design a valve monitoring system around processing requirements as the need for additional information is required. The full range AccuTrak offers design and operating personnel the following distinct advantages.

- Sensors for positive end position monitoring of valve travel.
- Local mechanical display of valve position.
- 0-100% monitoring of full valve travel.

EACH COMPONENT INCORPORATED INTO THE DESIGN REFLECTS BASIC PRINCIPLES OF SOUND ENGINEERING

- Beacon[™] Visual Position Monitors
- TouchSet[™] Cams
- Position Sensors
- Rewired Terminal Blocks
- Integrated Solenoid Valves
- Full Range Monitoring





Visual Display
Valve performance is mechanically confirmed by high visibility local position monitors.

Position Sensors
Position sensors available in mechanical, proximity and solid state configurations.

TouchSet Cams
Instantaneous hand setting of limit switches requires approximately 5 seconds

Enclosures
High-impact aluminum, engineered resin, or stainless steel enclosures compatible with any environment.

ACCUTRAK[®] Position Monitor

Enclosures

Specifically
Engineered To
Meet All Areas
and Groups

The Westlock Series of valve position monitors is available in a wide range of aluminum, engineered resin, and stainless steel enclosures meeting the specific standards set by international approval agencies.



Explosionproof

Aluminum:
Area Classification: NEMA 4, 4X, 7, 9
Class I, Groups A, B, C, & D
Class II, Groups E, F, & G
Division 1 and 2
Coating: Double Polyurethane
Conduit Entries: Up to three 3/4" NPT
Terminal Block: Up to 12 contacts

Stainless Steel:
Area Classification: NEMA 4, 4X, 7, 9
Class I, Groups A, B, C, & D
Class II, Groups E, F, & G
Division 1 and 2
Conduit Entries: Up to three 3/4" NPT
Terminal Block: Up to 12 contacts



General Purpose

Aluminum:
Area Classification: NEMA 4, 4X
Coating: Double Polyurethane
Conduit Entries: Up to three 1/2" NPT
Terminal Block: Up to 12 contacts

Engineered Resin
Area Classification: NEMA 4, 4X
Material: Engineered Resin
Conduit Entries: Two 1/2" NPT
Terminal Block: Up to 12 contacts
Cover: Zytel or clear copolyester



Nonincendive

Aluminum:
Area Classification: NEMA 4, 4X
Class I, Groups A, B, C, & D
Class II, Groups F & G
Division 2
Coating: Double Polyurethane
Conduit Entries: Up to four 3/4" NPT
Terminal Block: Up to 16 contacts

Engineered Resin:
Area Classification: NEMA 4, 4X
Class I, Groups A, B, C & D
Class II, Groups F & G
Division 2
Material: Engineered Resin
Conduit Entries: Up to three 3/4" NPT
Terminal Block: Up to 16 contacts



Explosionproof

Aluminum:
Area Classification: NEMA 4, 4X, 7, 9
Class I, Groups C & D
Class II, Groups E, F, & G
Division 1 and 2
Coating: Double Polyurethane
Conduit Entries: Up to four 3/4" NPT
Terminal Block: Up to 16 contacts



Intrinsically Safe

Aluminum:
Area Classification: NEMA 4, 4x
Class I, Groups A, B, C, & D
Class II, Groups E, F & G
Division 1 and 2
Coating: Double Polyurethane
Conduit Entries: Up to four 3/4" NPT
Terminal Block: Up to 16 contacts

Engineered Resin:
Area Classification: NEMA 4, 4x
Class I, Groups A, B, C, & D
Class II, Groups E, F, & G
Division 1 and 2
Material: Engineered Resin
Conduit Entries: Up to three 3/4" NPT
Terminal Block: Up to 16 contacts

