

ACCUTRACK™ SWITCH BOXES



2200 Ex d



SS 3000 Ex i



3000 Ex i / WP



2600 Ex d



SS 2200 Ex d



3000 Ex i / WP

THE INITIAL CONCEPT

Since it was established in 1984,
Westlock combines three products
in one

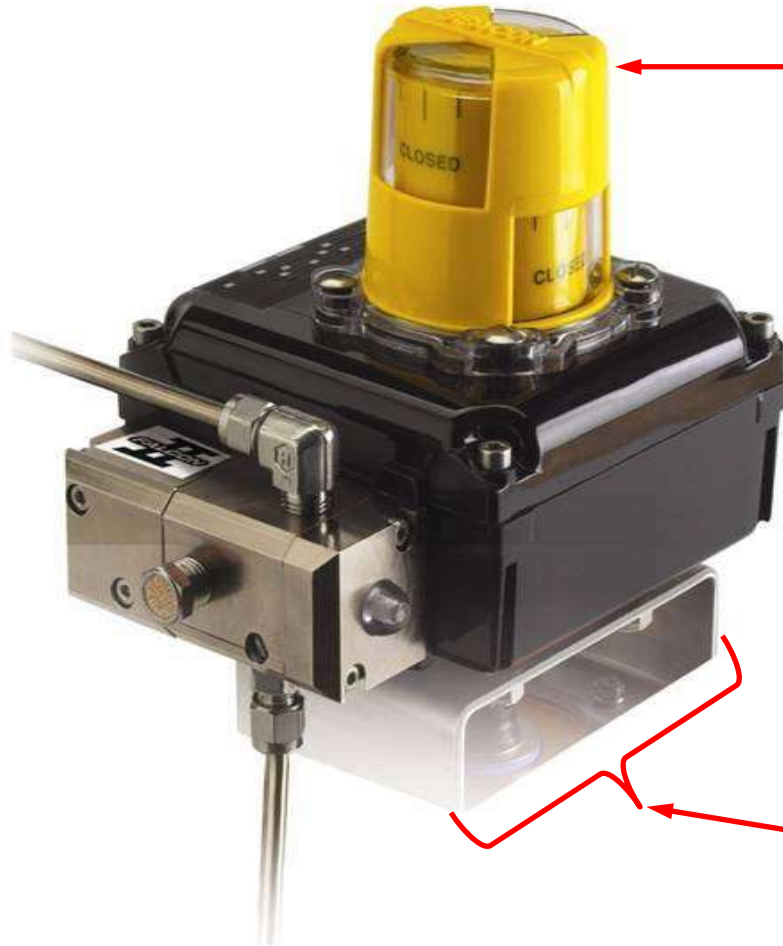


- Position feedback switches
- Junction housing
- Integral solenoid valve

Thus eliminating high cost
wiring and installation costs



ACCUTRACK™ KEY BENEFITS



Beacon II™

- High impact strength & corrosion resistant
- Instant visual recognition up to 50m increases plant & personnel safety
- 360° colour coding for maximum visual impact
- Numerous colour options Black/Yellow – ANSI Red/White - Green/Red
- Rotation 45° / 60° / 90° / 180°

Enclosure Options

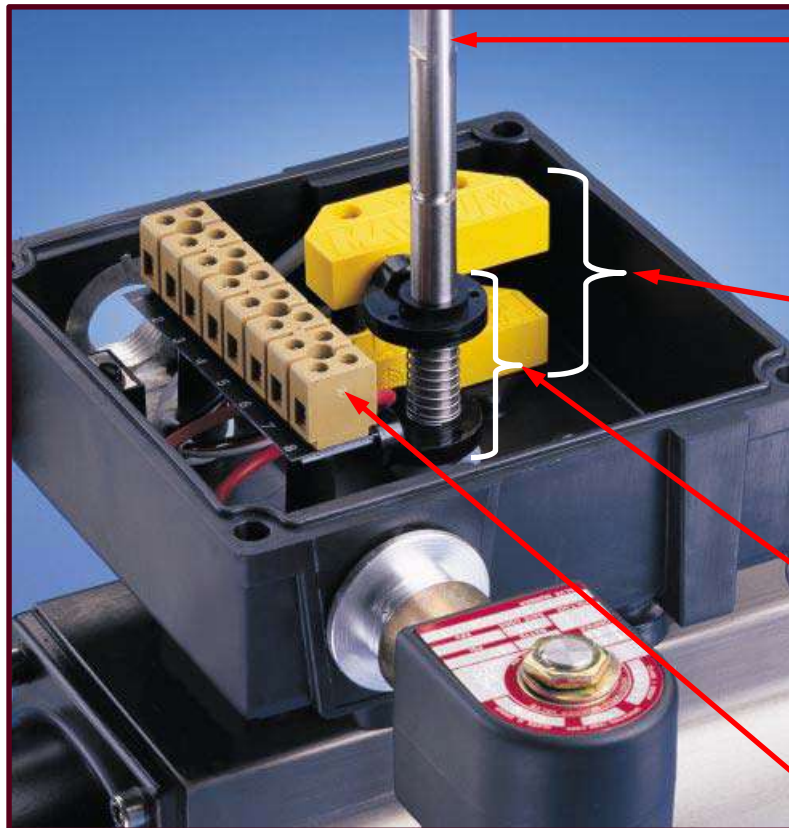
- Options of engineered resin, high-impact low copper content aluminum and stainless steel
- Up to 5 conduit entries for easy field wiring with certified blanking plugs as standard

Complete with fasteners in SS makes the enclosures compatible with any environment

Mounting

- NAMUR standard VDI/VDE 3845
- Standard actuator mounting brackets

ACCUTRACK™ KEY BENEFITS



Shaft

- Stainless steel shaft with double "O" Ring seals
- NAMUR actuator drive + direct drive to beacon
- Shaft bushing in Nylon, Oil Impregnated Bronze or PTFE, Other options available.

Limit Switches & Sensors

- Switch stabilising plate
- V3 SPDT Mech. switches (Gold plated contacts)
- V3 Inductive NAMUR proximity sensors
- Magnum, SPDT switches with rhodium contacts

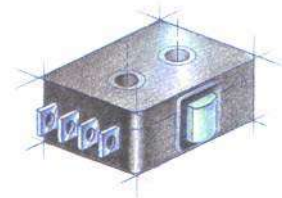
Touchset™ Cams

- Very quick hand setting of limit switches & sensors
- Spring loaded & self locking which will not come loose like traditional set screw cams

Pre-wired Terminal Strips (4 - 31Point)

- Numbered and colour coded (Klippon, Bosha etc.)
- Generous work space for wiring

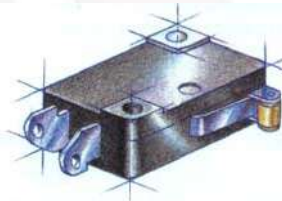
SWITCHES & SENSOR OPTIONS



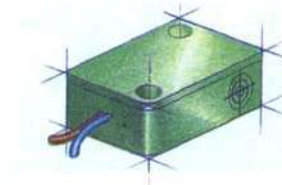
9 Types Of Mechanical DPDT



5 Types Of Proximity / Reed Switch



25 Types Of Mechanical SPDT



126 Different Inductive Sensors

ACCUTRAK™ 2200 SERIES

FEATURES

- **Ex d Explosion Proof/Flameproof ATEX/IEC**
- Local Beacon II™ visual indicator
- Aluminium enclosure with black powder coating finish
- Available in rugged stainless steel
- Flanged lid with 4-Fixing cover screws
- Touchset™ cams for quick setting
- Pre-wired and numbered terminal strips with generous working space
- Max. 4 x multiple conduits for easy wiring with certified blanking plugs
- Wide range of switches and sensors
- Optional position feedback
- NAMUR mounting to actuators



ACCUTRAK™ 2600 SERIES

FEATURES

- **Ex d Explosion Proof/Flameproof ATEX/IEC**
- Local Beacon visual indicator
- Aluminium enclosure with black powder coating finish
- Available in rugged stainless steel
- Screwed lid
- Touchset™ cams for quick setting
- Pre-wired and numbered terminal strips with generous working space
- Max. 4 x multiple conduits for easy wiring with certified blanking plugs
- Wide range of switches and sensors
- Optional position feedback
- NAMUR mounting to actuators



Technical data

Approvals:

Area classification (ATEX/IEC)

2200 series:

Ex II 2G
 Exd IIB +H2
 Ex tD A21 IP6X
 Ex II 2G
 Exd IIC
 Ex tD A21 IP6X

2600 series:

IP66/67



Enclosure standards (IEC)



All enclosures:

Switches



All Models

All Models

All Models

All Models

2200 Series

V3 mechanical SPDT switches
 DPDT mechanical switches
 V3 slotted and barrel inductive proximity sensors
 Magnum SPDT (hermetically sealed proximity type) switches
 GO hermetically sealed switches

Enclosures

All Models

Aluminium
 Stainless steel

ACCUTRAK™ 3000/3300/8300

FEATURES

- **Ex i Intrinsically Safe ATEX/IEC**
- Local Beacon II™ visual indicator
- Corrosion Resistance Zytel Resin
- High Impact UV Stabilised
- Available in aluminium or stainless steel
- Touchset™ cams for quick setting
- Pre-wired and numbered terminal strips with generous working space
- Multiple conduits for easy wiring
- Wide range of switches and sensors
- Optional position feedback
- NAMUR mounting to actuators



Technical data

Approvals:

Area classification (ATEX/IEC)

3000 series:

Ex II 1GD
Exia IIC T* Ga
Exia IIIC T120°C Da IP6X
Ex II *GD
Exia II* T* G*
Ex t IIIC T135°C Da IP6X

3300/8300 series:

IP66/67

IP68



Enclosure standards (IEC)



All enclosures:

3000/3300 series resin enclosures:

V3 mechanical switches, SPDT, gold plated contacts

V3 inductive Namur proximity sensors

Magnum, SPDT (hermetically sealed proximity type)
switches with rhodium contacts



Switches

All Models

Enclosures

All Models

Engineered Resin
Aluminium
Stainless steel

ACCUTRAK™ 3200/3500/8500

FEATURES

- **Weatherproof - IEC**
- Local Beacon II™ visual indicator
- Corrosion Resistance Zytel Resin
- High Impact UV Stabilised
- Available in aluminium or stainless steel
- Touchset™ cams for quick setting
- Pre-wired and numbered terminal strips with generous working space
- Multiple conduits for easy wiring
- Wide range of switches and sensors
- Optional position feedback
- NAMUR mounting to actuators



Technical data

Approvals:

Enclosure standards (IEC)

All enclosures:

IP66/67

Resin & ABS enclosures (except 8500):

IP66/67/68



Switches

3200; 3500; 8500 series:

V3 SPDT mechanical switches

DPDT Mechanical switches

Magnum SPDT (hermetically sealed proximity type) switches

V3 inductive proximity sensors

Pneumatic 3/2 operation



3500; 8500 only:

Mechanical switches, SPDT contacts

1100 series:

Enclosures

3200; 3500; 8500 series:

Engineered Resin

3200; 3500; 8500 series:

Aluminium

3200; 3500; 8500 series:

Stainless steel

1100 series:

Engineered ABS resin

ACCUTRAK™ 1100 SERIES

FEATURES (Projects - high qty)

- Local visual indication
- Smooth profile for easy washing
- 2 x mechanical switches roller arm with soldered and sheathed wires
- Quick release terminal strip aids wiring
- P66/68 ABS enclosure provides high strength and corrosion resistance
- Two Conduit option available M20 or ½" NPT, for solenoid integration
- Extra terminal strip points for integration of solenoid valves
- IP rated plugs prevent ingress
- NAMUR VDI/VDE standard mounting



Certification

Non-Hazardous Applications

WESTLOCK ACCUTRAK MOUNTED



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ACCUTRACK™ SWITCH BOXES



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