



ITT

# Reliability & Accuracy

Neo-Dyn® Industrial Switches

Performance is Neo-Dyn®

## Product Overview



*Engineered for life*



# ITT

## FOR WEATHER-PROOF APPLIC

ADJUSTABLE PRESSURE SWITCH

### *Pressure*

#### SERIES 100P / 200P

**SERIES 100P:** For pneumatic and low impulse hydraulic applications up to 2800 psig set points

**SERIES 200P:** Designed primarily for hydraulic applications to 10000 psig set points.



#### SERIES 132P / 232P

Explosion-proof, hermetically sealed. Ideal for hazardous and corrosive media or environments. For system pressures to 6000 psig.



#### SERIES 112P

Explosion-proof, hermetically sealed. Designed with redundant seals, and an indicator to show if the primary seal is lost.



ADJUSTABLE VACUUM/DIFFERENTIAL SWITCH

### *Vacuum-Differential*

#### SERIES 142P8/152P8

**SERIES 142P8:** Ultra low pressure and vacuum to pressure crossover switch. Weather-proof or explosion-proof enclosures.

**SERIES 152P8:** Ultra low differential pressure switch with high-proof pressure capability.



#### SERIES 160P/180P

**SERIES 160P:** Weather-proof or explosion-proof differential pressure switch for system pressures up to 350 psig. Stable settings during system pressure changes.

**SERIES 180P:** Weather proof enclosure and stable set points makes this switch ideal for a wide variety of applications.



COMPACT ADJUSTABLE SWITCH

### *Pressure*

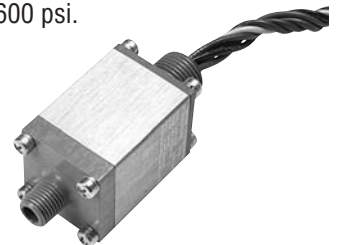
#### SERIES 117P

A field adjustable pressure switch for low- to mid-range process applications. The Series 117P, which utilizes a Tri-Clamp® process connection, is an ideal pressure switch for bioprocess and other sanitary applications. This unit features 316 stainless steel construction, an explosion-proof/hermetically sealed electrical module, 18" standard free leads and SPDT or DPDT electrical forms.



#### SERIES 130P/182P

Compact, versatile pressure and vacuum switch for low- to mid-range pressure applications. Weather-proof or explosion-proof construction with efficient nega-rate Belleville disc spring for applications to 600 psi.



Representative listing of sta

& EXPLOSION-PROOF  
ATIONS

# Neo-Dyn® delivers superior pressure, temperature and flow sensing devices.

ADJUSTABLE TEMPERATURE SWITCH

## Temperature

### SERIES 100T/100TC

**SERIES 100T:** Direct mount or capillary mounted with set-point ranges from -50 degrees F to +925 degrees F.

**SERIES 100TC:** Denotes capillary mount.



### SERIES 132T/132TC

Explosion-proof, hermetically sealed with direct probe or capillary mount. Set-point ranges from -75 degrees F to +650 degrees F.



FACTORY SET PRESSURE SWITCH

## Pressure

### SERIES 105P/105PP

All-purpose miniature switch for system pressures to 3000 psig.



### SERIES 125P/225P/225PP

**SERIES 125P:** Designed for high pressure pneumatic and/or narrow dead band applications.

**SERIES 225P & 225PP:** Designed for hydraulic, high impulse applications requiring set-point ranges up to 7500 psig.



ADJUSTABLE DIFFERENTIAL PRESSURE SWITCH

## Differential

### SERIES 151P

Low range adjustable differential pressure switch. Compact design features efficient nega-rate Belleville disc spring sensing mechanism. Over pressure capabilities and stable set points not affected by system pressure changes. Available in three ranges from 5" WC up to 150" WC with system pressures up to 100 PSI.



*The quality you're looking for is  
found in Neo-Dyn® industrial switches.*

**Advantages**

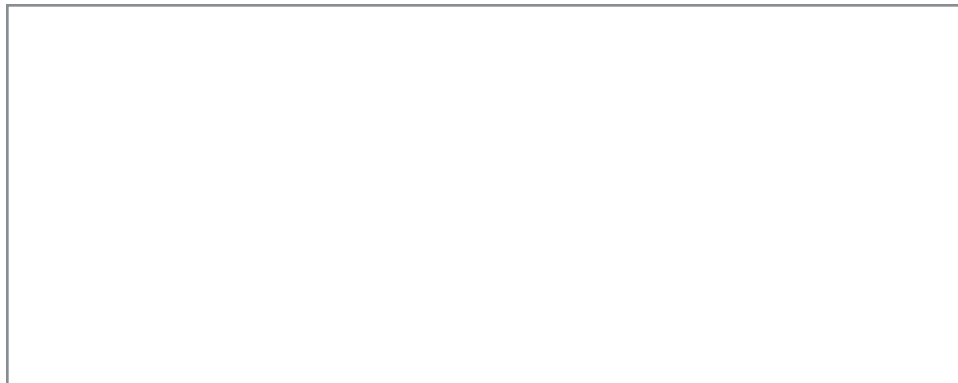
- Set Point Stability
- Extensive Cycle Life
- Vibration Resistance
- High Over-Pressure Capability

**Features**

- Negative Rate Disc Spring
- Stainless Steel Exterior and Interior
- Wetted Materials for Corrosive Service
  - Hermetically Sealed Electricals
  - Flanged Process Connections
  - Compact Designs

**Benefits**

- Representation and Service Worldwide
- Established Inventories To Meet Customer Needs
  - 24 Hour Service Available
  - Approvals



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