

**Neo-Dyn®**  
PROCESS CONTROL

# Industrial Switches Reliability & Accuracy



**ITT**

ENGINEERED FOR LIFE

## Weather-Proof & Explosion-Proof Applications

### ADJUSTABLE PRESSURE SWITCH

#### Pressure

##### SERIES 100P/200P

SERIES 100P: For pneumatic and low impulse hydraulic applications up to 2800 psig set points. Available with a variety of wetted material options.

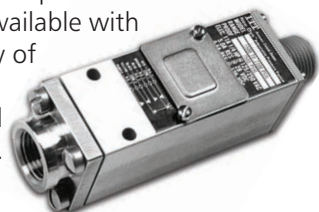
SERIES 200P:

Designed primarily for hydraulic applications to 10000 psig set points.



##### SERIES 122P/132P/232P

Explosion-proof, hermetically sealed. Ideal for hazardous and corrosive media or environments. For system pressures to 6000 psig. Available with a variety of wetted material options.



##### 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. Weather-proof or explosion-proof enclosures.



##### SERIES 160P/180P/181P

SERIES 160P: Weather-proof or explosion-proof differential pressure switch for system pressures up to 500 psig. Stable settings during system pressure changes.

SERIES 180P/181P: Weather-proof or explosion-proof enclosure and stable set points makes this switch ideal in a wide variety of vacuum applications.



### COMPACT ADJUSTABLE SWITCH

#### Pressure

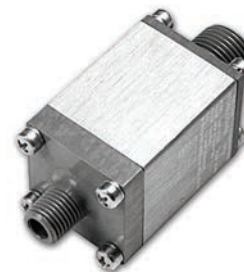
##### SERIES 117P

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 standard Neo-Dyn® switches.

## Weather-Proof & Explosion-Proof Applications

### 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. Small size design improves vibration and shock resistance.



##### 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 162P

Mid to high 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 1 psid to 1000 psid WC with system pressures up to 7500 psid.



Representative listing of standard Neo-Dyn® switches.

# 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 (Dual Seal Certified)
- 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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