



**PEMBINA**  
Controls Inc. 

A **PTW** COMPANY

# PRESCO®-SWITCH

*Flow Control*



Powered by People.  
Driven by Dedication.

## Pressure Sensing Base Features

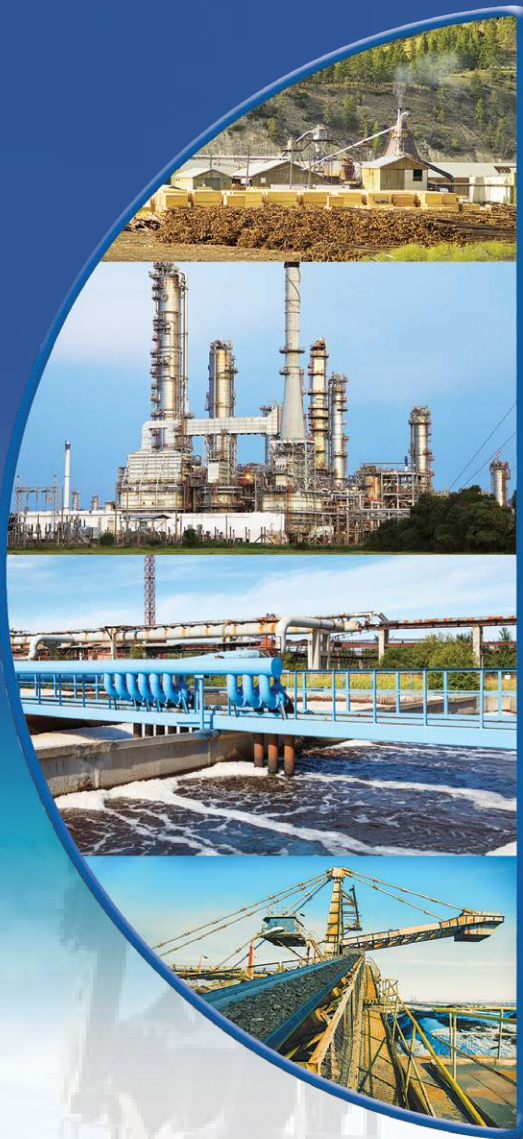
- Pressure sensing bases use diaphragms, plungers or bellows. Component wetted parts meet the requirements of NACE MR0175.
- Interchangeable springs enable each base unit to be used for a variety of pressure ranges.
- Accurate operation and repeatability are provided by the smooth plunger movement and precision manufacturing.
- Long life is ensured by a guided plunger, resulting in an operational life span that exceeds other types of pressure switch mechanisms and devices.
- High proof pressure is provided by a positive plunger stop so that the Presco®-Switch will withstand multiple overpressures and surges.
- Rugged design enables the Presco®-Switch to withstand severe operating conditions including shock, vibration and corrosion.
- Standard male 2" NPT pressure sensing connection provides a solid mount that will not plug off or freeze readily.

**THE PRESCO®-SWITCH is a "DUAL SEAL"** pressure-responsive flow control device that opens or closes one or more integral electrical switches at predetermined set points in order to:

- Start or stop pump motors for pump jacks and electric submersible pump systems
- Stop gas engines
- Control valve operations
- Provides overall well head high and low pressure protection

## Switch Features

- Convenient microswitch adjustments make field setting easy.
- Versatile switching arrangements to satisfy most applications and eliminates the requirement for multiple pressure switches
- Switch housing's explosion-proof design is approved for Class 1, Division 1, Group D, Hazardous Locations.
- "DUAL SEAL" design is certified to meet ANSI/ISA 12.27.01-2003 requirement for process sealing between electrical systems and flammable or combustible process fluids.



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