

The **Presco-Switch** is a Dual-Seal pressure-responsive device that opens or closes one or more integral electrical switches at predetermined setpoints in order to start or stop pump motors for pump jacks and electric submersible pump systems, stop gas engines, control valve operations and shutdown wellhead and flowline pressure.

Presco has an internally adjustable set point and offers both fixed and variable differential switches available in automatic and manual reset. The Canadian-made product can also be easily re-built, repaired and modified to different spring ranges, while offering a larger selection than competitors.

**Switch Features:**

- Convenient microswitch adjustments make field setting easy
- Versatile switching arrangements satisfy most applications
- Switch housings explosion-proof design is CSA approved for Class 1 Div.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 combustible process fluids. Comes with weep holes for primary seal indication.



**General Specifications:**

<b>Repeatability</b>	1% to 2% of adjustable range
<b>Service</b>	Standard and H <sub>2</sub> S NACE MR0175 on Select Models
<b>Electrical Temperature Rating</b>	-58°F to 180°F (-50°C to 82°)
<b>Electrical Rating</b>	5A - 125/250/480 VAC; 0.5A - 125VDC; 0.25A - 250VDC
<b>Electrical Classification</b>	CSA c/us approved per C22.2/UL1203/UL508; Class 1, Group D Hazardous Locations; Dual Seal Compliant per ANSI/ISA-12.27.01 requirements
<b>Electrical Housing</b>	Cast Aluminum; 3-1/2" OD
<b>Electrical Connection</b>	1/2"-14 NPT (female)
<b>Pressure Connection</b>	2" NPT (male); Zinc Electroplated High Strength Carbon Steel
<b>Pressure Rating (ASME B31-3)</b>	Type D: 3,000psig (20,684kPag); -58°F to 180°F (-50°C to 82°C) Type S: 5,000psig (34,474kPag); -58°F to 180°F (-50°C to 82°C)
<b>Canadian Registration Number</b>	0F20302.213
<b>Quality Program</b>	AQP-5164



***For our sales catalogue showing available models, or for installation, operation and maintenance procedures, please visit [Pem-Controls.com](http://Pem-Controls.com) or contact us at [sales@pem-controls.com](mailto:sales@pem-controls.com)***

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