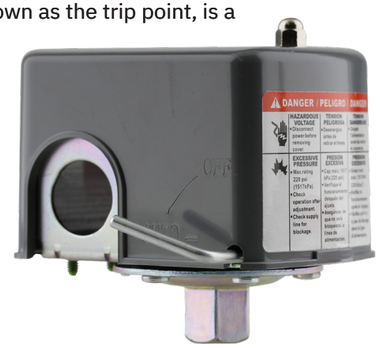
What are Pressure Switches?

A pressure switch is most often used to turn a water pump on and off by sensing a change in system pressure. A pressure switch will sense when a predetermined pressure point is reached and will open or close an electrical switching element.

All pressure switches have two operating points known as the cut-in and cut-out. The cut-in point, also known as the reset point, is a result of falling pressure and starts the pump. The cut-out point, also known as the trip point, is a result of rising pressure and stops the pump.

Differential is known as the dead-band, the difference or spread between the cut-in and cut-out points.



Boshart's NEW Medium Duty Line

MEDIUM DUTY:
Best used with larger pumps up to 2 horsepower on 120 volt motors and up to 3 horsepower on 240 volt motors.

CUSTOMIZATION:
Boshart Offers Custom Name Plates on our new line. Minimum Order Qtys will apply.

THE LINEUP

Medium Duty

A line expansion on our existing pressure switch offering, designed to bridge the gap between standard and heavy-duty applications.

Auto-OFF

AUTO-OFF switches have a lever with two positions #1 OFF and #2 automatic operation between the cut-in and cut-out set points..

Low Pressure Cut-OFF

Designed to protect your pump if the system pressure drops by about 10 psi below the cut-in pressure. If this happens the system will require a manual re-start.

Other Types of Switches

LOW PRESSURE:
Include all features of standard pressure switches, they have an off, start and auto feature which helps preserve the life of the pump.

AUTO-OFF:
Include a manual on/off lever. The lever allows you to manually turn off the pump system for an extended period of time.

STANDARD:
Most switches are standard switches Typically, standard pressure switches are best used with pumps up to 1.5 horsepower on 120 volt motors and up to 2 horsepower on 240 volt motors.

Upsell Opportunities:

If a customer is purchasing a pressure switch see if they would be interested in a low pressure or auto off switch

If someone is needing a pressure switch for a pressure tank system, they may need other components as well.

If they are working with a Jet Pump system take the opportunity to suggest additional components like fittings, adapters etc.

Sales Tips & Best Practices:

WHAT IS THE DESIRED SYSTEM PRESSURE?
This covers the cut-in, the cut-out and the differential.

WHAT ARE THE POWER NEEDS?
Look at the pump for what sort of power is going to go through the switch

IS IT A SPECIAL APPLICATION?
What type of switch are they needing?

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ACCELERATOR.BOSHART.COM