

PRESSURE VACUUM SWITCH

Model 320



320: Pressure Vacuum Switch

FEATURES

- Accurate notification of change in tank pressure.
- Rugged design withstands harsh environments.
- Reliable snap action switch resets automatically, no manual reset is required.
- UL and CSA listed microswitches/wires and cable.
- Repeatability of $\pm 5\%$ of the switch set points, provides safe and reliable alarm functions.
- Compact design, easy to install.
- Possible to install pressure vacuum gauge and bleeder on two sides.

VIAT

INSTRUMENTS

VI-C11(R1)

A House of
Transformer
Accessories

WORKING

Pressure Vacuum switch uses a diaphragm as the sensing element. The inlet pressure leads to the movement of diaphragm which in turn moves the actuating piston. The movement of piston is used to make or break contact and give an output signal. Snap action switches are used to ensure quick operation of contacts.

APPLICATION

Pressure Vacuum Switch is applicable for pressure monitoring, operating control and alarm triggering on transformers and other related electrical apparatus.

Additionally, a pressure vacuum gauge and/or pressure vacuum bleeder can also be attached to the side of the instrument to add more functionality to the setup.



Pressure Gauge

TECHNICAL SPECIFICATIONS

Mounting	:	Centre vertical mounting
Pressure Inlet	:	3/8" - 18 NPT. Other threads optional.
Indication accuracy	:	±5% set points
Std. operating temperature	:	-40° to 180°F (-40 to +82°C)
Vibration resistance	:	Not affected when subject to 50/60 Hz
Number of switches	:	1 or 2
Switch rating (AC)	:	15A @ 125, 250, 480V AC
Switch rating (DC)	:	1/2A @ 125 VDC, resistive 1/4A @ 250 VDC, resistive
Range	:	10 (0.7 bar) psi for pressure and -7.5(0.5 bar) psi for vacuum setting

Please contact us for ordering form/drawings and any further details

Due to our policy of continuous product improvement, dimensions and designs are subject to change.



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