VDO *Instruments*

SERIES 230 HEAVY-DUTY PRESSURE SWITCH

The Series 230 Heavy-Duty Pressure Switches provide an economical and reliable choice for a multitude of pressure switch applications. Available in a variety of part numbers to cover most commonly demanded set points. Optional set points may also be field set to meet customer requirements.

Series 230 Pressure Switches are compact and compatible with a wide variety of fluids, making them ideal for most engine, brake, hydraulic and air system applications. All switches are provided with an insulated ground terminal to assure a quality ground circuit.

Normally Open – Single Circuit; 2 terminals, insulated ground

Range	Part No.
4 PSI	230 404
15 PSI	230 415
60 PSI	230 460

Normally Closed – Single Circuit; 2 terminals, insulated ground

Range	Part No.
4 PSI	230 504
15 PSI	230 515
60 PSI	230 560

Dual Circuit – normally open, normally closed, insulated ground

Range	Part No.
4 PSI	230 604
15 PSI	230 615
60 PSI	230 660

Overall Dimensions: Length = 2.52" / Width = 1.47"

(2 terminal configuration)

(3 terminal configuration)
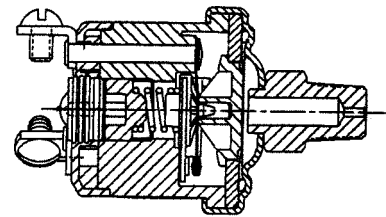
Heavy-Duty Pressure Switch Technical Specifications

Normally Open: Contacts open until pressure rises which then completes the circuit.
Normally Closed: Contacts closed until pressure rises which then breaks the circuit.
Direct action blade contact pressure switches with adjustable contact ranges:
4–7 PSI ± 1;   14–24 PSI ± 3;   51–90 PSI ± 7

Contacts: Silver alloy, gold-plated

Operating Pressure (Set Point Range)
4–24 PSI = 150 PSI   25–90 PSI = 250 PSI
Proof Pressure: 500 PSI
Burst Pressure (Set Point Range)
4–24 PSI = 750 PSI   25–90 PSI = 1,250 PSI

Base: Brass
Diaphragm: Polyimide film
Cover: Glass reinforced polyester

Electrical Ratings
Resistive: 15 Amp – 6 VDC
             8 Amp – 12 VDC
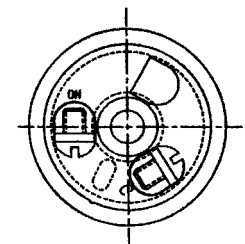   4 Amp – 24 VDC
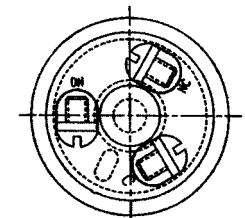Inductive: 1 Amp – 120 VAC
             5 Amp – 240 VAC

Temperature Range: -40°F to 250°F

Terminals: 1/4" blade, #8–32 screws
Thread Size: 1/8–27 NPT