Pressure Switch

DM600

The sensing element stainless steel diaphragm is welded to a stainless-steel housing mounted external to the weatherproof instrument housing. The mechanical movements are restricted to absolute minimum using a diaphragm which ensures long term stability.

Special features: Stainless steel diaphragm, High repeatability, Weatherproof enclosure, very compact & Tamperproof range setting.

Applications: Hydraulics, Pneumatics, Firefighting, Pumps control, Compressors control, Power & Special purpose machine.

GH900 series

Compact GH900 series pressure switches using components of high reliability is specifically designed for OEMs. The sensing element is a hydraulically formed seamless phosphor bronze or stainless-steel bellows mounted external to the weatherproof switch housing. The mechanical movements are restricted to absolute minimum which ensures long term stability.

Special features: Stainless steel diaphragm, High repeatability, Weatherproof enclosure, very compact & Tamperproof range setting.

Applications: Hydraulics, Pneumatics, Firefighting, Pumps control, Compressors control, Power & Special purpose machine.

IPSD MODEL

The lower changeover is set on the scale by rotating the pressure setting disc inside the control. Clockwise rotation of the setting disc reduces the set differential pressure and vice versa. The higher changeover is achieved by adding the contact differential (2.8 PSI fixed) to the lower changeover. The setting disc is visible after removing front cover. It is placed just below the LP bellows between the LP bellows and main spring.

Applications: These switches are normally used on pressure lubricated system across the filter to get an indication or alarm when the filter gets choked. It can also be used to stop the pumper energise / de-energise another electric circuit depending upon the actual application. It is designed for use with oil, air, water and low temperature steam. It is not designed for refrigerant gases.

PSM-520

The PSM-520 may be used to energise an alarm or directly control the process by cycling pumps, shifting valves etc. In an alarm application, the switch supports valuable equipment by signalling an alarm. In direct control applications, the switch can be linked electrically to other equipment.

PSM-520 pressure switches are designed for use with oil, water, air, steam and other non-corrosive pressure media. They are not suitable for use with refrigerant gases. This pressure switch is cost-effective and used in a wide variety of applications such as pumps, compressors, turbines, lubrication systems and condensers.PSM-520 switches find applications in Automatic start/stop of pump, Water treatment filtration system. Chillers (water/air cooled) and Lubrication oil skids.

PSM-550

PSM-550 switches have an excellent record backed by our responsive manufacturing facility. Special application assistance is always available. Applications include pumps, compressors, filters, evaporators, heat exchangers, lubrication systems, hydraulic systems, marine equipment, heating and air conditioning equipment, turbines, generators and circuit-breakers etc.

PSM-550 switches find applications in: Pumps, filters, Vacuum brakes, Lubrication system, hydraulic system, HVAC, Circuit breakers & Heat exchanger, water treatment.

RT MODEL

RT Series of Pressure Switches utilize seamless bellows as the sensing element. Simplicity of design and ease of installation has been stressed for reliable use, even in applications where shock and vibrations are present. The sensing element can be used for a variety of process fluids for Corrosive media, viscous fluids and slurries, RT pressure switches perform well in conjunction with diaphragm type chemical seals.

RT Series of Temperature Switches have a vapour filled thermostatic element, which consists of a sensing Bulb, capillary tube and a bellows element. The entire element contains a charge which reacts to temperature variations at the sensing bulb, so that pressure on the bellows increases on rising temperature. The bellows Movement due to this increase in pressure is utilised to operate the switch.