

PS75 – Rugged Cylindrical Pressure Switch

- ▶ Side Mounted DIN Connection *formerly PS-FA series*
- ▶ Top Mounted Electrical Connection *formerly PS-FB series*
- ▶ 5 to 6000 psi (0.35 to 414 bar)
- ▶ Wear Disc Design for Longer Life
- ▶ DPDT Models Available

Gems PS75 Series have all metal surfaces for overload stops and deliver reliable operation under extremely high pressure surges. They are designed with a wear disc and cushioning ring for increased life. The switches use a piston/diaphragm design, which combine the high proof pressure of piston technology with the sensitivity of a diaphragm design. They can be field or factory adjusted.

Specifications

| | |
|-------------------------------|---------------------------------------------------------------------------------|
| Operating Temperature | -40°F to +180°F (-40°C to +82°C) |
| Switch | 5 Amp SPDT @ 120/240 VAC and 12/24 VDC; 1 Amp with Gold Contacts (-G option) |
| Repeatability | 2% of full set point @ 70°F (20°C) |
| Wetted Parts | |
| Diaphragm | Nitrile (optional Viton®, Neoprene or EPDM) |
| Fitting | Zinc-Plated Steel (optional 316 Stainless Steel) |
| Housing | Zinc-Plated Steel (optional 316 Stainless Steel) |
| Electrical Termination | DIN 43650A IP65; Conduit with Flying Leads IP00; Flying Leads IP65 |
| Proof Pressure | 9000 psi (600 bar) |
| Approvals | CE, UL Approved units available |
| Weight, Approximate | 0.5 lbs. (0.23 kg) |



Dimensions



