

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



