

Differential Pressure Switch & Gauge

Normally Open (NO) or Normally Close (NC)

**DP
SERIES**

Pure Aqua's differential pressure switch and gauge have been constructed of high quality durable materials to withstand indoor and outdoor conditions. Pure Aqua's differential pressure switch and gauge measure the difference in pressure between two pressurized zones in a system and actuates the reed switch at a preset point when it comes in proximity with the magnet equipped piston, without any mechanical linkage. Hence, this special feature has no wear and tear and thus enables contactless reliable switching.



Standard Features

- 1/4" FNPT pressure connections
- Easy to read silkscreen dial
- DIN electrical connection
- Durable strength and quality
- Easy installation
- Corrosion resistant
- Hardware included
- Adjustable

Applications

- Reverse osmosis
- Media filtration
- Hydraulic power pack manufacturers
- Air compressor manufacturers
- Pharmaceutical industries
- CNC machines
- Water treatment plants
- Ultrafiltration
- Textile machinery

Materials of Construction

Component	Material
Seals	Buna-N
Body	Hard anodized aluminum
End connections	Hard anodized aluminum
Bracket (option)	Hard anodized aluminum
Hardware	304 stainless steel
Gauge housing	304 stainless steel
Gauge face	Polycarbonate
Finish	Powder coating

Differential Pressure Switch & Gauge

Normally Open (NO) or Normally Close (NC)

**DP
SERIES**



HIGH input connection
1/4" FNPT



LOW input connection
1/4" FNPT



Mounting bracket (option)

Specifications

Part #	DP-030-025
DP Range	0 to 30 psi (.06 to 2 bar)
Maximum Static Pressure	350 psi (25 bar)
Accuracy	± 1% of FSR
Max Temperature	176°F (80°C)
Pressure Connections	1/4" FNPT
Housing	Weather proof IP-65
Switch Rating	15 VA, 125 VAC / 200 VDC 100 VA, 230 VAC / 300VDC
Switch Type	SPDT/REED switch
Switch Set-point	15 psi (1 bar)
Switch Operation	N/O or N/C
Electrical Connection	DIN
Hysteresis	± 10% to 15%

*Pure Aqua's differential pressure switch & gauge are 100% tested, individually packaged and in stock ready for shipment. Pure Aqua also stocks a large quantity of water treatment components such as: needle valves, pressure gauges, pressure switches, float switches and solenoid valves. Visit our website for more information.