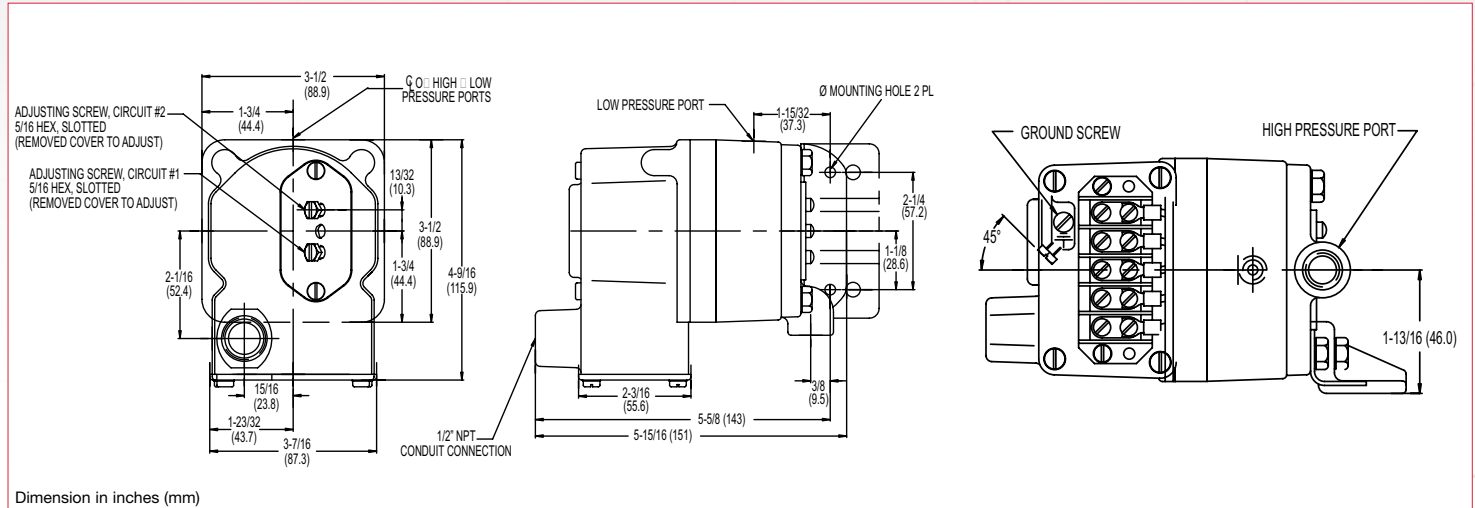


Diaphragm Differential Switch

Series DPD1T, DPD2T

Technical Drawing



Product Configurator

Example DPD1T -A 3SS

H Hermetically sealed limit switch option - Class I, Division II (requires AA, CC or HH limit switch)

Base Configuration

DPD1T	Single setpoint housed
DPD2T	Dual setpoint housed

Limit Switch¹

-A	10 amps @ 125/250 VAC; 3 amps @ 480 VAC; (standard for pressure range 3SS, 80SS or 150SS)
-H	10 amps @ 125/250 VAC; 3 amps @ 480 VAC; (standard for pressure range 18SS)
-M	10 amps @ 125/250 VAC; 3 amps @ 480 VAC; 0.5 amps @ 125 VDC; 0.25 amps @ 250 VDC
-GH	1 amp @ 125 VAC; with gold contacts
-GH	Hermetically sealed; 1 amp @ 125 VAC with gold contacts (not available on vacuum models)
-HH	Hermetically sealed; 5 amps @ 125/250 VAC (not available on vacuum models)

Options

-FX	NEMA 4X enclosure
-L6	6-contact terminal block (DPD2T only)
-CS	CSA approved
-Sxxx	Factory preset (consult factory)

Adjustable Range

Working Range	Adjustable Range (PRESSURE) ³				Approx. Deadband ² (Actuation Value)	Max. Diff. Pressure (Proof)	
	Decreasing - psi (bar)		Increasing - psi (bar)				
	psi (bar)	Min	Max	Min			Max
3SS	.03-10	.03 (.00)	2.76 (.2)	.27 (.02)	3 (.2)	.09 - .24 (.01 - .02)	10 (.7)
18SS	.4-60	.4 (.03)	17.68 (1.2)	.72 (.05)	18 (1.2)	.18 - .32 (.01 - .02)	60 (4.1)
80SS	.5-160	.5 (.03)	75.3 (5.2)	5.2 (.4)	80 (5.4)	2.2 - 4.7 (.1 - .3)	160 (10.9)
150SS	1.5-300	1.5 (.10)	141.3 (9.7)	10.2 (.7)	150 (10.2)	3.5 - 8.7 (.2 - .6)	300 (20.4)

Working Range	Adjustable Range (VACUUM) ⁴				Approx. Deadband ² (Actuation Value)	Max. Diff. Pressure (Proof)	
	Decreasing (In. Hg)		Increasing (In. Hg)				
	In. Hg	Min	Max	Min			Max
3SS	.06-20	0.06	5.49	0.57	6	.17 - .51	20
18SS	.8-30	0.8	29	1.8	30	.44 - 1.00	30

NOTES:
¹ Consult supplementary guide for specific deadband values
² Deadband values indicated when used with the "standard" limit switch
³ Working range may be extended to 400 psi provided the maximum differential pressure (proof) is not exceeded
⁴ Working range may be extended to 30 in.Hg provided the maximum differential pressure (proof) is not exceeded