

DIFFERENTIAL PRESSURE GAUGE DPH300

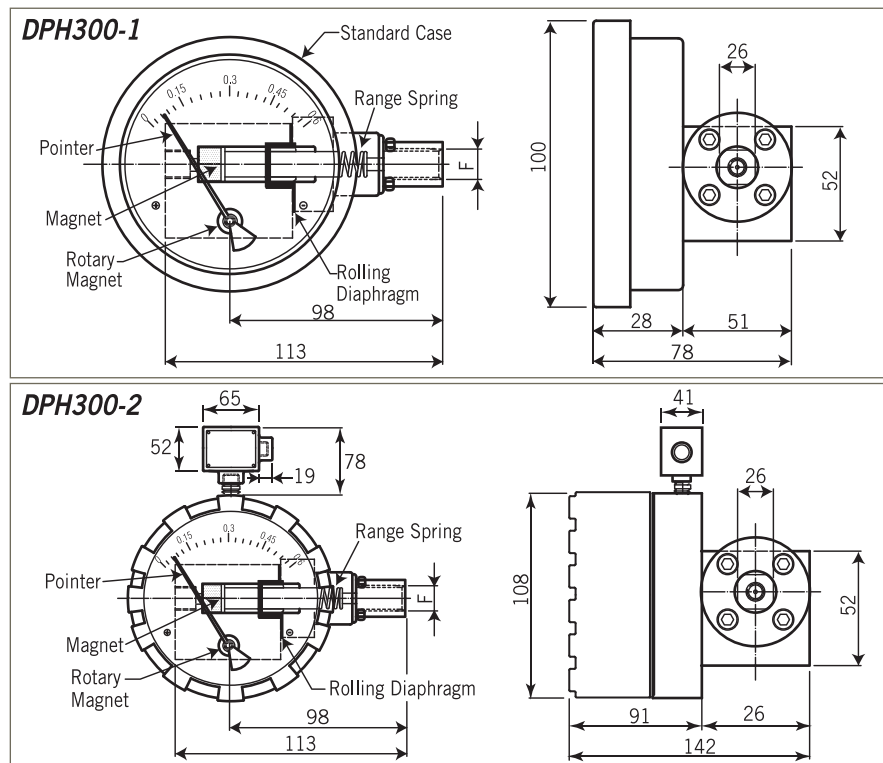
Weather Proof, Diaphragm Type, Combine With Switch Available
Range Available: 0 - 0.05 - 0.4kg/cm² (0 - 500 - 4000mmH₂O)

DPH300 series consist of high and low pressure ports. Spring and diaphragm as well as magnet couple with pointer. Differential pressure indicated on dial due to ΔP pressure of high side and low side be made from magnet couple with pointer.

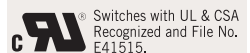
Technical Data

- Dial Size:** DPH300-1 Indicating only: ø4", ø6" available
 DPH300-2 With alarm switch: ø4" only
- Housing Material:** SS316 for DPH300-1; Aluminum alloy for DPH300-2
- Housing Protection:** IP66
- Accuracy:** ±2% F.S (on rising pressure)
- Switch Data:** One SPDT micro switch, 5A/125VAC, 5A/250VAC, 2A/30VDC; Dead Band ±12%
- Pressure Element:** Diaphragm- Viton; other parts all in SS316
- Electronic Connection:** Standard ½"NPT female, and ¼"NPT female available
- Process Connection:** ½" or ¼"NPT female
- Working Pressure:** 100 kg/cm² (Both of High & Low side must be pressured on line at the same time.)
- Working Temperature:** max. 80°C

Dimensions-mm



Approvals:



Patent No.

M449263
 China: ZL 2012 2 0666839.5

Range Selection Table

Code	Range	Maximum D/P Pressure Proof
01R	0.7 psi 0~0.050 kg/cm ²	5 psi
02R	1.1 psi 0~0.075 kg/cm ²	5 psi
03R	1.5 psi 0~0.10 kg/cm ²	5 psi
04R	2.3 psi 0~0.16 kg/cm ²	5 psi
05R	3.0 psi 0~0.20 kg/cm ²	5 psi
06R	3.6 psi 0~0.25 kg/cm ²	5 psi
07R	5.7 psi 0~0.40 kg/cm ²	5 psi

NOTE.
 If you need Flow Scale, please contact with factory.

Ordering Information

DPH300	Code	Dial Size / Type / Case Material
	(A)	ø4" / DPH300-1: Indicating only / SS316
	(B)	ø6" / DPH300-1: Indicating only / SS316
	(C)	ø4" / DPH300-2: With alarm switch / Aluminum alloy
	Code	Range
		(01R) 0~0.05 kg/cm ² (02R) 0~0.075 kg/cm ² (03R) 0~0.1 kg/cm ² (04R) 0~0.16 kg/cm ² (05R) 0~0.2 kg/cm ² (06R) 0~0.25 kg/cm ² (07R) 0~0.4 kg/cm ²
	Code	Wetted Parts Material
	A	SS316
	Code	Process Connection
		(1) ½"NPT Female (2) ¼"NPT Female
	Code	Control Form
	1	One SPDT N Without (for DPH300-1)
	Code	Conduit Size
	A	½"NPT(F), standard
	B	¾"NPT(F)
	N	Without (for DPH300-1)
DPH300		Complete Ordering Code