

DIFFERENTIAL PRESSURE GAUGE DPH300

Weather Proof, Diaphragm Type

Range Available: 0 - 0.05 - 0.25kg/cm² (0 - 500 - 2500mmH₂O)

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: ø4", ø6" available

Housing Material: 316 stainless steel

Housing Protection: IP66

Accuracy: Standard ±2.5% F.S (on rising pressure) [Option: ±2.0% on request]

Pressure Element: Diaphragm-Viton; other parts in SS316
Driving magnet (no sealed)

Process Connection: ½" or ¼"NPT female

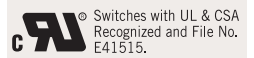
Working Pressure: 100 kg/cm²

(Both of High & Low side must be pressured on line at the same time.)

Working Temperature: max. 80°C



Approvals:



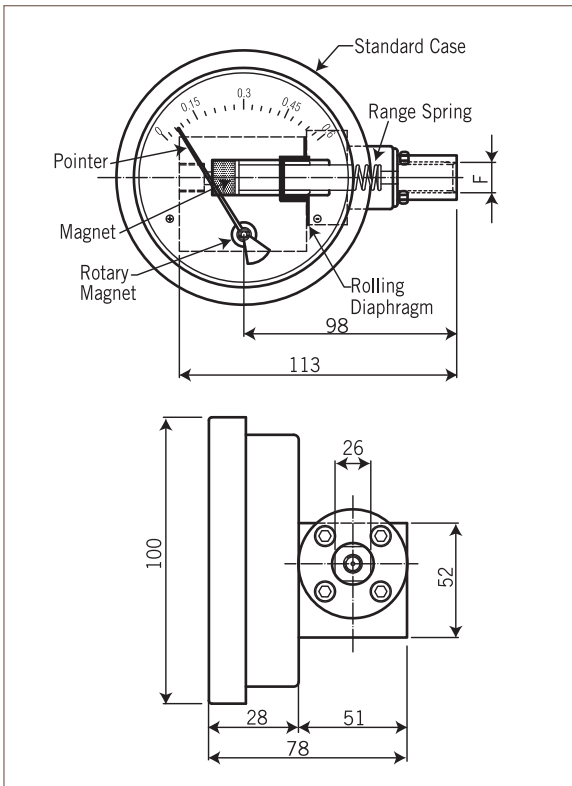
Patent No.

M449263
China: ZL 2012 2 0666839.5

Reminder:

Because the driving magnet is not sealed, please DON't using DPH300 series for the fluid of corrosive application!
And, assembled diaphragm seal is unavailable!

Dimensions-mm



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

NOTE.

If you need Flow Scale, please contact with factory.

Ordering Information

DPH300	Code	Dial Size	
	A	ø4"	B ø6"
		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	0~0.20 kg/cm ²
		06R	0~0.25 kg/cm ²
		Code	Wetted Parts Material
		A	SS316
		Code	Process Connection
			(1) ½"NPT Female (2) ¼"NPT Female
DPH300			

Complete Ordering Code