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:

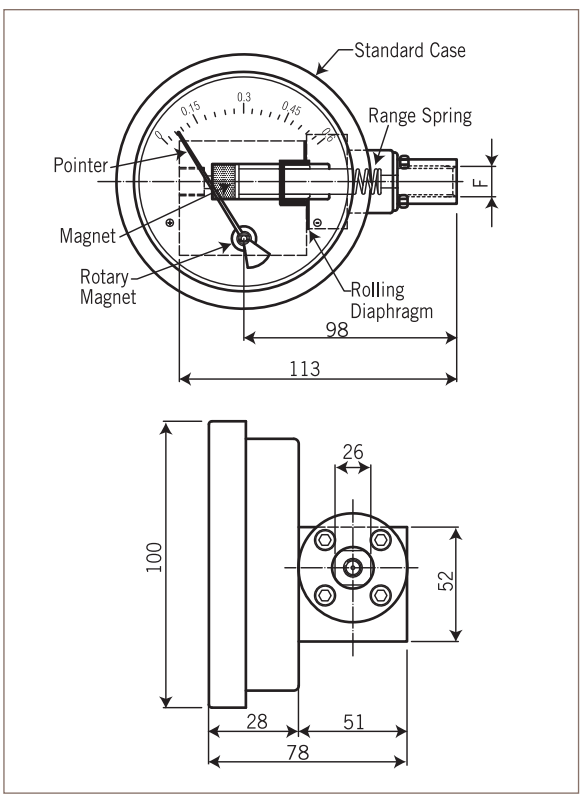
ABS TYPE APPROVED PRODUCT

Switches with UL & CSA Recognized and File No. E41515.

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!

Patent No.
M449263
China: ZL 2012 2 0666839.5

Dimensions-mm



Range Selection Table

Code	Range		Maximum D/P Pressure Proof
01R	0.7 psi	0~0.050 kg/cm²	5 psi
02R	1.1 psi	0~0.075 kg/cm²	5 psi
03R	1.5 psi	0~0.10 kg/cm²	5 psi
04R	2.3 psi	0~0.16 kg/cm²	5 psi
05R	3.0 psi	0~0.20 kg/cm²	5 psi
06R	3.6 psi	0~0.25 kg/cm²	5 psi

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

Ordering Information

DPH300	Code	Dial Size		
	A	ø4"	B	ø6"

Code	Range	Code	Range
01R	0~0.05 kg/cm²	02R	0~0.075 kg/cm²
03R	0~0.1 kg/cm²	04R	0~0.16 kg/cm²
05R	0~0.20 kg/cm²	06R	0~0.25 kg/cm²

Code	Wetted Parts Material
A	SS316

Code	Process Connection
	(1) ½"NPT Female (2) ¼"NPT Female

DPH300					Complete Ordering Code