

ALL SS PRESSURE GAUGE

ELECTRIC CONTACT TYPE



DPS-01



SPECIAL FEATURES

- STAINLESS STEEL CASE & MEASURING SYSTEM
- High current capacity
- Optional switch form
- Precise switching reaction

APPLICATIONS

FOOD & BEVERAGE, PHARMACEUTICAL, CRYOGENICS, CHEMICAL & PETROCHEMICAL INDUSTRIES, CONVENTIONAL & NUCLEAR POWER PLANTS, PUMPS, HYDRO-CLEANING MACHINES, PRESSES, ENGINE COMPRESSORS, TURBINES, DIESEL ENGINES & REFRIGERATING PLANTS.

SPECIFICATIONS

STANDARD VERSION: 75mm , 100mm



Accuracy	: $\pm 0.5\%$ Of F.S.
Ambient temperature	: -20°C to $+60^{\circ}\text{C}$
Process temperature	: Max. 80°C
Electric Wiring	: Junction Box
Contact Setting	: Over on arc of 270° through a knob placed on front of lens
Operating pressure	: 75% of the Scale Value
Over pressure limit	: Not Suitable

Case	: AISI 304 SS, PP
Diaphragm	: AISI 316 SS
Socket	: AISI 316 SS

Protection	: IP 55
Power	: 110 . 220 VAC OR DC 24 V
Relay	: OMRON
Current capacity	: 10A
Blow off Diaphragm	: Neoprene
Gasket	: Neoprene

FILLED VERSION

Accuracy	: $\pm 1.6\%$ of F.S.
Ambient Temperature	: Maximum 65°C
Process Temperature	: $+15^{\circ}\text{C}/65^{\circ}\text{C}$
Window	: Acrylic
Dampening liquids	: Dielectric Oil
Other Features	: Refer Specification of Standard Version

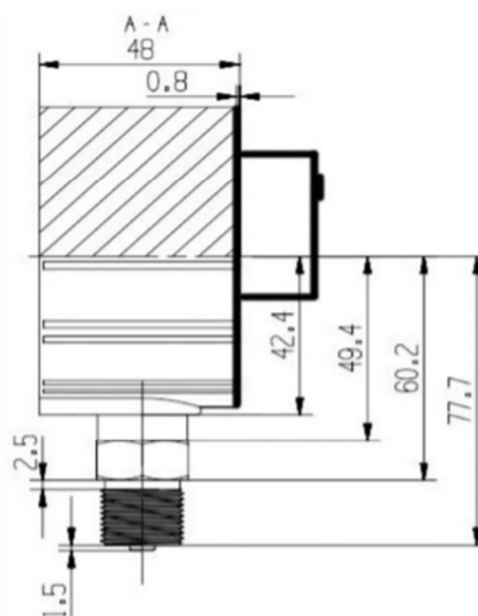
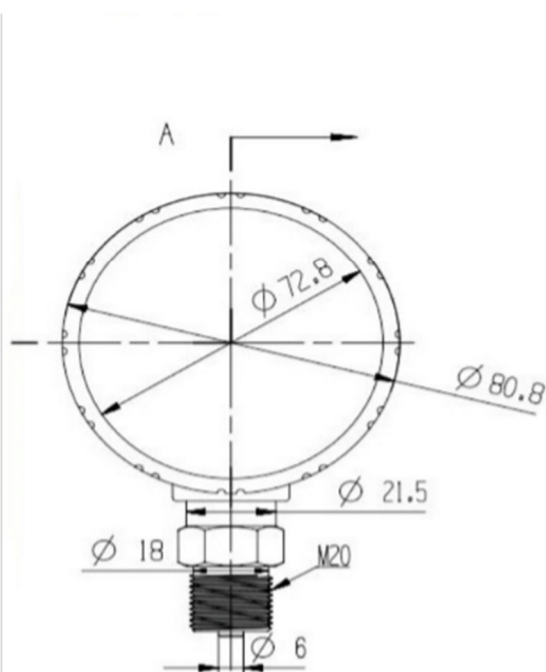
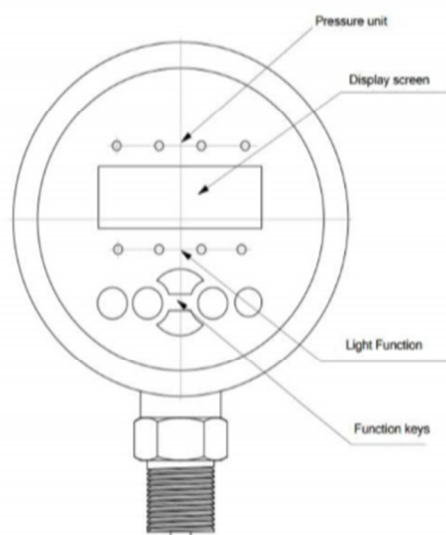
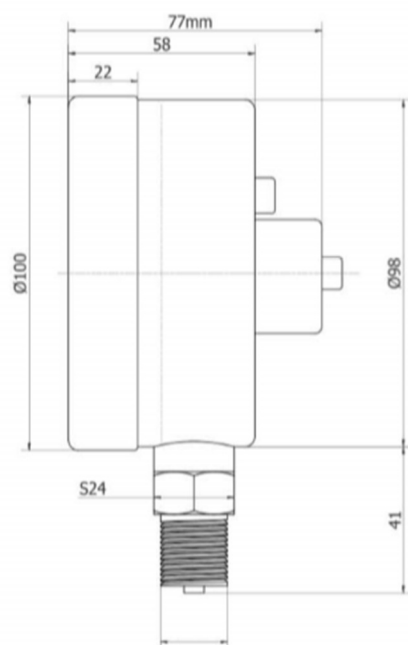
DRY BUT FILLABLE VERSION

Option Code	: Fillable Dampening Liquid
	: Fillable Dielectric Oil

Note: BOD, vent plug & sealing ring material will be VITON. NBR



DIMENSIONS-STANDARD VERSION



RANGE TABLE

Note: MIX offers National/International Scales like kPa, MPa, bar, psi, kg/cm² & Dual Scale like KPa with psi, KPa with bar, bar with psi or Equivalent scales as per the requirement can be provided on request.

Following are the example tables for kg/cm² & psi scales

PRESSURE

SINGLE SCALE (kg/cm ² or bar)					
RANGE	RANGE	RANGE	RANGE	RANGE	RANGE
0/1.6	0/10	0/60	0/400	0/1000	
0/2.5	0/16	0/100	0/600	0/1400	
0/1	0/25	0/160		0/1600	
0/6	0/40	0/250			
DUAL SCALE PSI with kg/cm ² or PSI with bar					
RANGE(PSI)	RANGE(kg/cm ²)	RANGE(PSI)	RANGE(kg/cm ²)	RANGE(PSI)	RANGE(kg/cm ²)
0/25	0/1.6	0/400	0/28	0/4000	0/280
0/35	0/2.5	0/500	0/35	0/5000	0/350
0/60	0/4	0/600	0/40	0/6000	0/400
0/100	0/7	0/1000	0/70	0/10000	0/700
0/150	0/10	0/1500	0/100	0/15000	0/1000
0/200	0/14	0/2000	0/140	0/20000	0/1400
0/300	0/20	0/3000	0/200	0/23000	0/1600

*Note: For ranges above 1600 kg/cm², please consult factory.

VACUUM & COMPOUND

DUAL SCALE (inHg with PSI & mmHg with kg/cm ²)					
RANGE inHg with PSI	RANGE mmHg with kg/cm ²	RANGE inHg with PSI	RANGE mmHg with kg/cm ²	RANGE inHg with PSI	RANGE mmHg with kg/cm ²
-30/15	-760/1	-30/100	-760/6	-30/300	-760/20
-30/30	-760/2	-30/150	-760/9	-30/350	-760/24
-30/60	-760/3	-30/200	-760/15		
SINGLE SCALE(kg/cm ²)					
RANGE	RANGE	RANGE	RANGE	RANGE	RANGE
-1/0.6	-1/3	-1/9	-1/24		
-1/1.5	-1/5	-1/15			

ACCESSORIES †

EC GAUGE COCK	ED GAUGE SAVER	EG SNUBBER
EX DIAPHRAGM SEAL	* NEEDLE VALVE	EH SIPHON

†Refer Datasheet for complete specifications

*Refer catalogue for Valves & Manifolds

