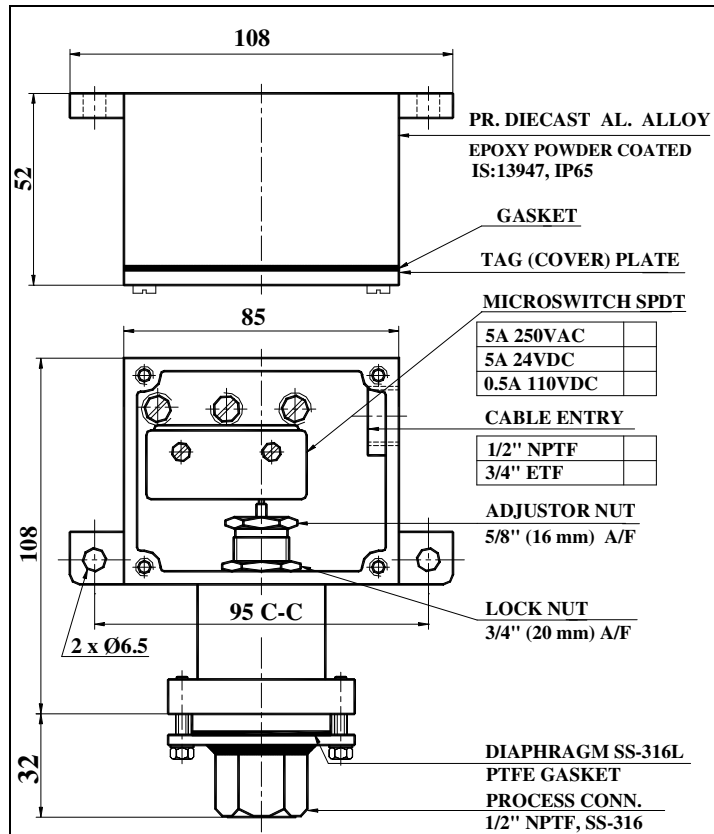


DAG

DAG PRESSURE SWITCH

DAG Pressure switches are **diaphragm** operated, **fixed differential** type. Diaphragm movement is transferred to an **SPDT** switch, which gives (**NO-NC-COM**) change-over contacts. A counteracting spring is used to achieve the required settable range. Set point adjustment can be done internally using a 16mm spanner. Turning in the adjuster (from right to left) increases the pressure setting & vice-versa. **Calibration** has to be done against a Pressure gauge. (*We do not provide an **indicating scale** due to its high inaccuracy & believe that **safety settings** should be set against a test gauge only*).

The standard switch has an SS-316L Diaphragm, SS-316 wetted parts, IP-65 Pressure Diecast Aluminium enclosure, 1/4"NPTF Process Connection, 3/4"ETF cable entry & SPDT Microswitch.



Model decoding

- WP/** : Weatherproof IP65 enclosure
A-2 : Ranges upto 6 kg/cm²
A-2H : Ranges upto 25 kg/cm²
A-2HP : Ranges upto 40 kg/cm²
A-2VHP : Ranges beyond 40 kg/cm²
A-3 : Ranges upto 6000 mm WC
A-4 : Ranges upto 400 mm WC
C : ± Compound Range
V : Vacuum
D : Differential
F : Flanged Process Connection
-T : PTFE Wetted Parts / Diaphragm
-DS : Diaphragm Sealed
-H : Higher Pressure Protection
-S : Special Wetted Parts / Diaphragm
-LM : Limit Switch (Direct/Lever Operated)
-P : Pneumatic Out Put

Example: WP/A-2CF-H-DS

Weatherproof to IP-65
 Range -1 to +6 kg/cm²
 Flanged Process Connection
 Higher Pressure Protection (> 150%)
 Diaphragm Sealed type

Specifications

- Enclosure** : Pressure Diecast Aluminium, Epoxy Powder Coated (SS/MS on request)
 Weatherproof to IS:13947; IP65 (IP66, 67, 68 on request)
- Mounting** : Direct / Wall / 2"Yoke
- Adjustment** : Internal, Tamperproof with lock nut
- Element** : Formed Diaphragm / Piston for Pressure higher than 160 kg/cm²
- Material** : SS-316 / PTFE / Monel / Hastalloy 'C' / Tantalum (Others on Request)
- Switch** : SPDT Snap Acting Micro
- Rating** : Upto 5A, 15A 250VAC / 5A 24VDC / 0.5A 110VDC
- Contact** : Silver / Gold Plated / Hermetically Sealed
- Differential** : Fixed minimum < 5%, FSR, <20% for Hermetically Sealed Switch
- Accuracy** : ± 1%, ± 2% (±0.5% on Request)
- Repeatability** : ± 1%, ± 2% (±0.5% on Request)
- Overrange** : 150% of range (Higher or Full Vacuum optional)
- Temperature** : -40° to +200°C, -40° to +200°C
- Process Conn.** : 1/4"NPTF, 1/2"NPTM/F/BSPM, NB25, NB40, NB50 Flanged, Extended Diaphragm
 Triclover Direct welded for Food Grade (Size as per request)
- Material** : SS-316 / Monel / CS / PTFE Teflon, (Others on Request)
- Cable Entry** : 3/4"ETF, 1/2"NPTF, PG13.5 (Others through adapter)
- O₂ Service** : *Duly De-Greased Wetted Parts*

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