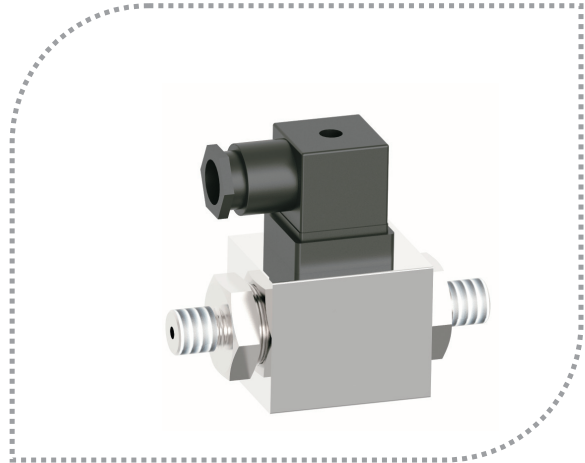


EPS compact design enables this product to be mounted in tight spaces.

The switches use a piston and diaphragm design which incorporates the high proof pressure of piston technology with the sensitivity of a diaphragm design.

The EPS switches may be field or factory adjusted via hex screw inside the low part, protecting them against unauthorized tampering.

Typical applications monitor differential pressure across oil filters to indicate dirty or blocked elements.



EPS DIFF. PRESSURE SWITCH

EPS 200 , EPS 201

Advantages:

- * For liquid fluid.
- * Economical.
- * Simple contact adjustable.



Technical Specifications:

	EPS 200	EPS 201
Diff. Pressure Range	0,3 ... 3 Bar	0,5 ... 4 Bar
Display	Not available	Available
Repeatability	+/- %2 , at 20 C	+/- %2 , at 20 C
Average Dead Band	0.25 bar until 1.5 bar 0.8 bar until 1.5 bar	0.25 bar until 1.5 bar 0.8 bar until 1.5 bar
Max. Pressure	35 Bar	10 Bar
Contact	1 NO/NC , 3 A/ 250VAC	1 NO/NC , 3 A/ 250VAC
Electrical Connection	DIN43650A Socket	DIN43650A Socket
Mechanical Connection	1/4"BSP Std.	8 mm Hose
Lenght - Height	95 mm 72,5 mm	140 mm 100 mm
Working Temperature	(-) 20....(+) 80 °C Op.(-)40...(+)120°C	(-) 20....(+) 80 °C Op.(-)40...(+)120°C
Body Material	Aluminium	Stainless Steel
Diaphragm Material	Buna-N, Op. Viton	Buna-N, Op. Viton
Connection	Steel Opt.St. St.	Steel-Nickel Plated
Spring	Stainless Steel	Stainless Steel
Protection Class	IP 65	IP 65
Weight	0,5 kg	1,25 kg

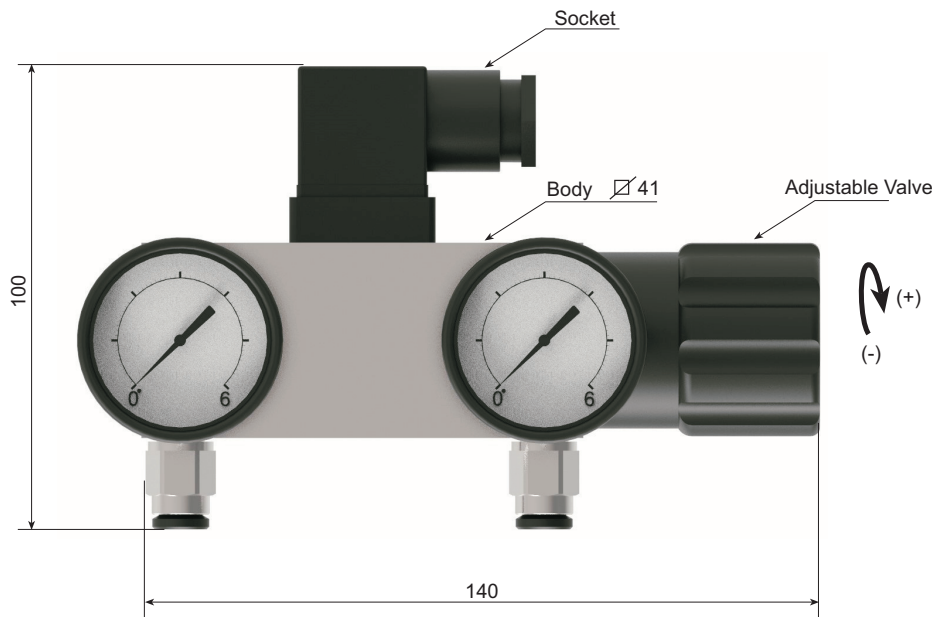
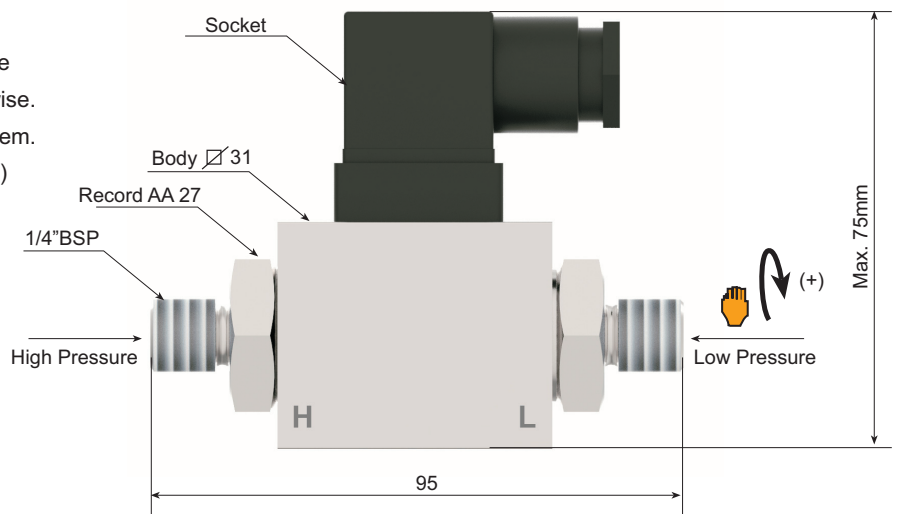
Working Principle :

It moves with spring that is compressed in body and diaphragm pressure that put in front. It obtains contact output by stimulate the contact according to adjusted pressure value. Contact return to earlier position when the pressure drop below the adjusted level. Contact that have high sensibility and long life is used.

Model : 01-1-2017-001

Pressure Setting:

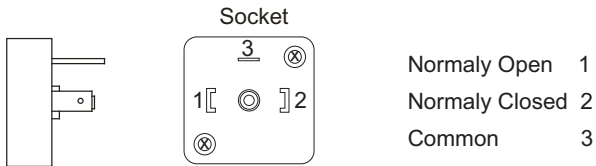
- 1- Connect air supply to high side input.
- 2- Turn clockwise the adjustment screw at low side to increase set pressure, anticlockwise otherwise.
- 3- After pressure adjustment, connect unit to system.
- 4- Make electrical connections (terminals 1 and 3)



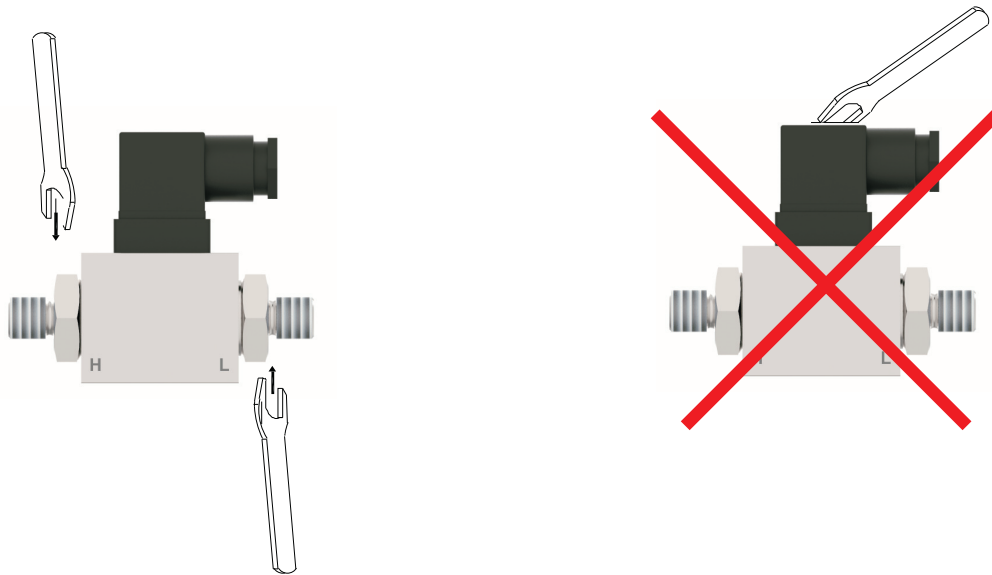
Pressure Setting:

- 1- Connect air supply to high side input.
- 2- Turn clockwise the adjustment screw at low side to increase set point. Turn counter clockwise otherwise.
- 3- Fine adjustment can be made while unit is working.
- 4- Make electrical connections. (Terminal 1 and 3)

Electrical Connections:



Situations that take into consideration when mounting :



Order Form: Please consider sample models when coding!..

1 MODEL EPS

0,3 ... 3 Bar.....EPS 200
0,5 ... 4 Bar.....EPS 201

2 ALARM POSITION

Increase in pressure.....0
Decreasure in pressure.....1

3 OPTIONAL

Viton Diaphragm/ V

SAMPLE

EPS 200 - 0,3 / 3 bar - 0
EPS 200 , 0,3 / 3 bar , Set value Increase in pressure