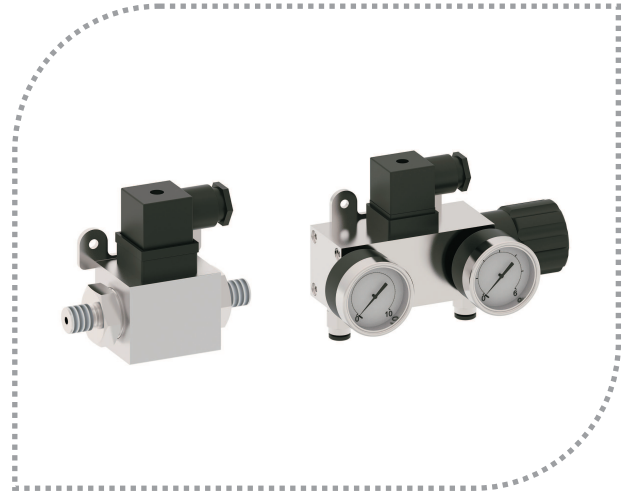


EPS compact design enables this product to be mounted in tight spaces.

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.



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	0.2 bar until 0.4 bar 0.35 bar until 1 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/ 250 VAC	1 NO/NC, 3 A/ 250 VAC
Electrical Connection	DIN43650A Socket	DIN43650A Socket
Mechanical Connection	1/4" BSP Std.	8 mm Hose
Length - Height	95 mm ... 72,5 mm	150 mm ... 100 mm
Working Temperature	(-) 20 °C...(+) 80 °C Ops.(-) 40 °C...(+) 120 °C	(-) 20 °C...(+) 80 °C Ops.(-) 40 °C...(+) 120 °C
Body Material	Aluminium	Stainless Steel
Diaphragm Material	Buna-N, Opt. Viton	Buna-N, Opt. Viton
Connection	Steel Opt. Stainless Steel	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.

EPS DIFF. PRESSURE SWITCH

EPS 200 , EPS 201

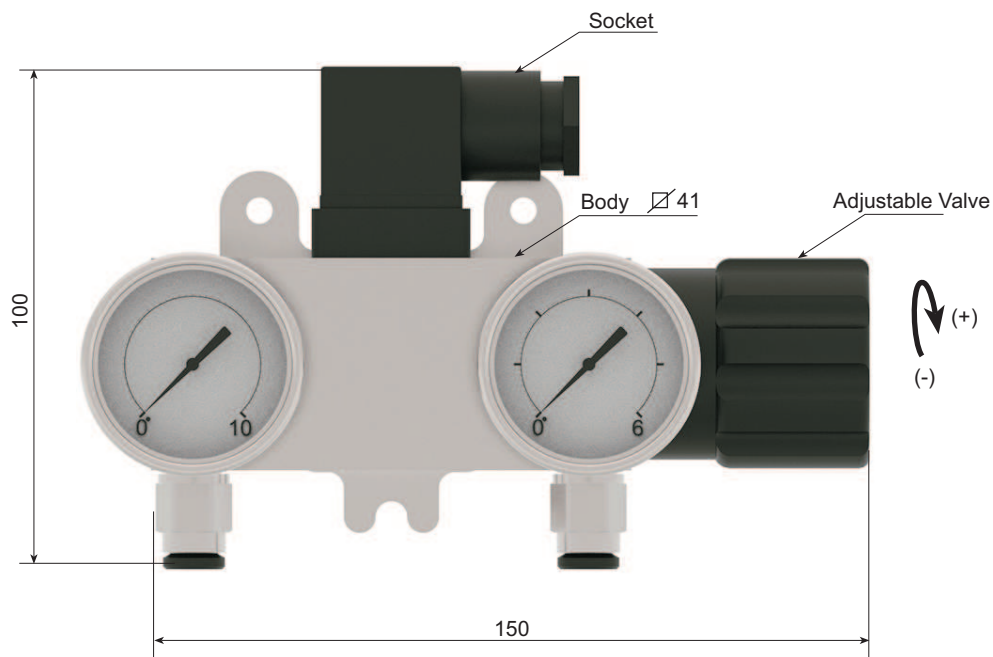
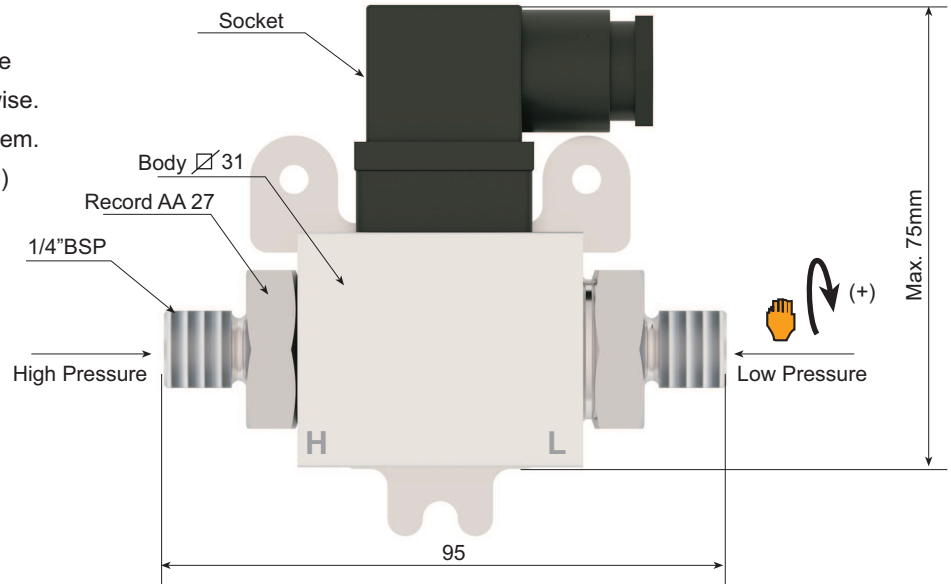
Advantages:

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



Pressure Setting:

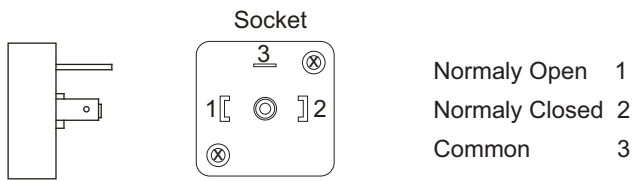
- 1- Connect air supply to high side input.
- 2- Turn clockwise the adjustment screw at low side to increase set pressure, anticlockwise otherwise.
- 3- After pressure adjustment, connect unit to system.
- 4- Make electrical connections (terminals 1 and 3)



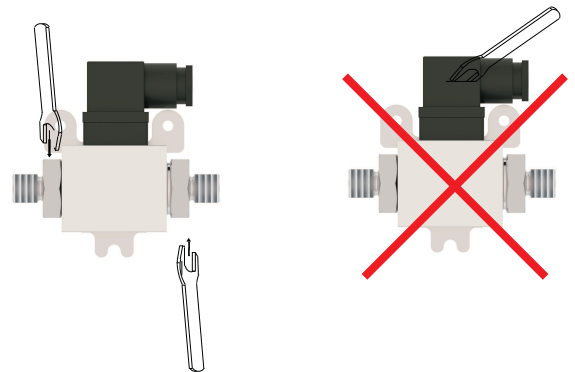
Pressure Setting:

- 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:



Cautions For Mounting!



Order Form : **Please consider sample models when coding**

1 MODEL EPS

Standard Type.....2

2 CERTIFICATE

None.....0 (EN10204-3-1) Material Certification.....1

3 MEASUREMENT RANGE

0,3 bar ... 3 bar.....0 0,5 bar ... 4 bar.....1

4 OUTPUT

Relay NO / NC (5 A).....11 Special.....x

5 ALARM STATUS

Increased Pressure.....0 Decreasing Pressure.....1

6 DIAPHRAGM MATERIAL

NBR Diaphragm81 Special.....x
Viton Diaphragm82

7 OPTIONAL

None...../ 0 Special...../ x

EXAMPLE

EPS 200 - 11 - 0 - 81 / 0

EPS 200 , 0,3 / 3 bar , Set value at increasing pressure , NBR Diaphragm