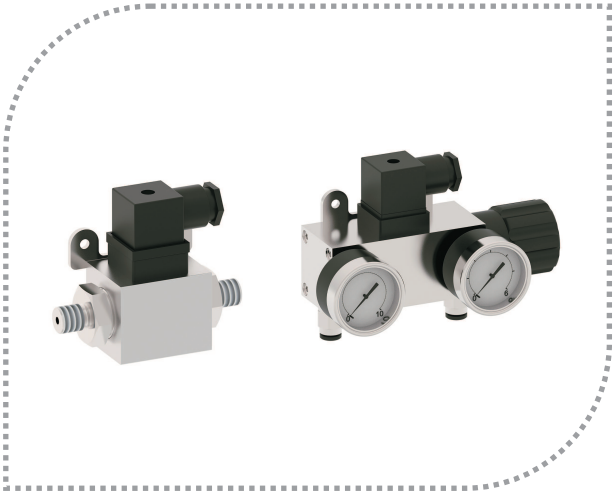
EPS compact design enables this product to be mounted in tight spaces.

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 aganist 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.

Model : 09-2026-005

CE

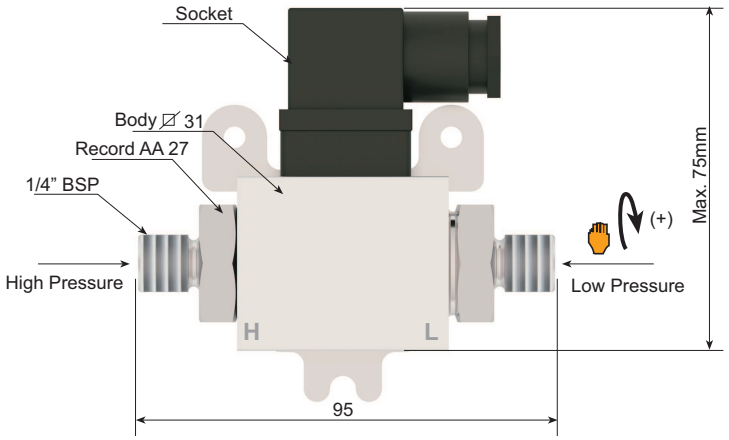
Technical Specifications:

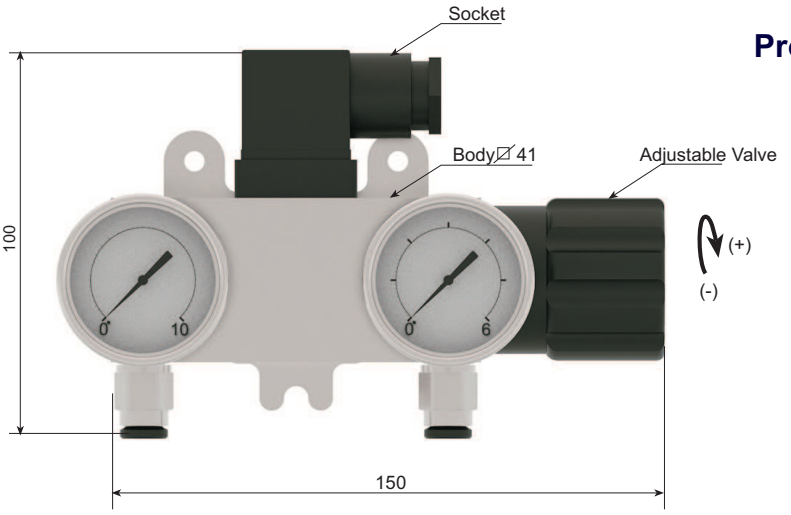
	EPS 200	EPS 201
Diff. Pressure Range	0,3 ... 3 bar	0,5 ... 4 bar
Display	Not available	Available
Repeatability	+/- % 2 , at 20 °C	+/- % 2 , at 20 °C
Average Dead Band	0.2 bar until 0.4 bar 0.35 bar until 1 bar	0.25 bar until 1.5 bar 0.8 bar until 1.5 bar
Max. Pressure	35 bar	10 bar
Contact	1 NO/NC , 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
Lenght - 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	Alumininum	Stainless Steel
Diaphram 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 concact 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.

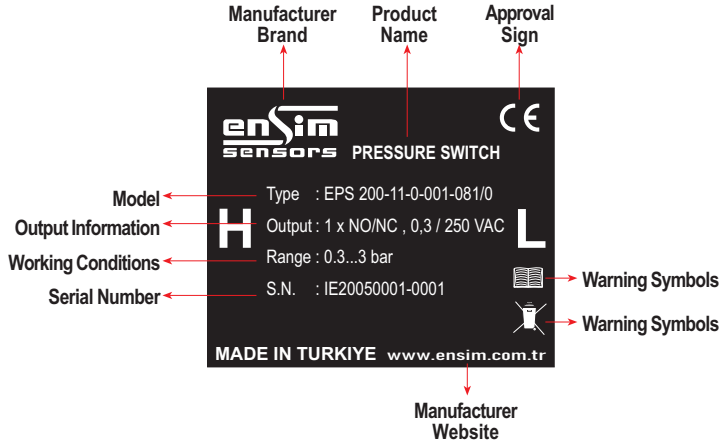
Pressure Setting:

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





Product Label :



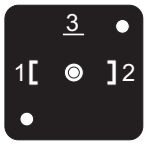
Pressure Setting:

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 adjusment can be made while unit is working.
4- Make electrical connections. (Terminal 1 and 3)

Electrical Connections:

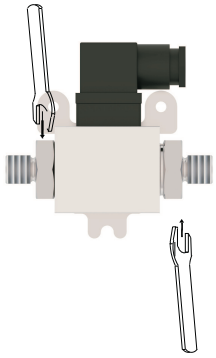


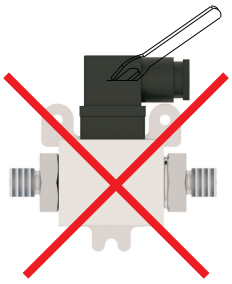
Socket



Normaly Open	1
Normaly Closed	2
Common	3

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 SET VALUE

.....

.....

6 ALARM STATUS

Increased Pressure.....0

Decreasing Pressure.....1

7 BODY MATERIAL

Aluminium.....027

316 Stainless Steel.....002

304 Stainless Steel.....001

Special.....x

8 DIAPHRAGM MATERIAL

NBR Diaphragm 081

Viton Diaphragm 082

Special.....x

9 OPTIONAL

None...../ 0

Special...../ x

EXAMPLE

EPS 200-11-0-001-081/0

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

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