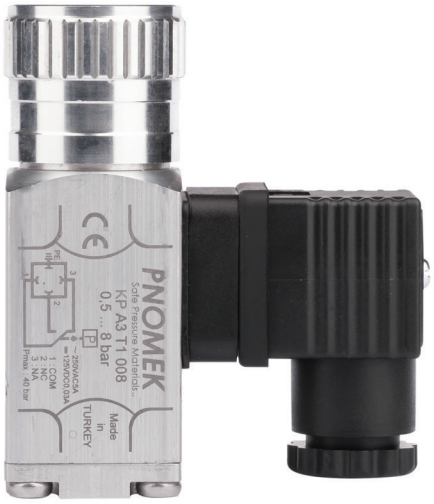
PNOMEK
Sensor Technology

Pressure Switch

MODEL

KP



Description

KP series pressure switch opens or closes its electrical circuit depending on pressure rises or drops. Working pressure can be set from 7 bar to 600 bar by hand wheel on pressure switch. It has been designed suitable for using under high and shock pressures. It makes itself interesting for costumers thanks to easy adjustablity and sensitivity.

- KP series pressure switch can be set thanks to hand wheel on pressure switch
- Desired pressure can be set easily thanks to pressure set scale.
- It has Aluminium body material
- NBR and Teflon seal equipments.
- It is connected to pressure line with G1/4'' thread connection and bottom flange connection.

Applications

- Hydraulic and mobile hydraulic
- Pneumatics
- Heavy Duty
- All compressed air, liquids or gases.

Technical Features

Mechanical Connection	: G1/4'' , Bottom Flange Connection
Reproduciblity	: Reproduceblity is in %1
Working Temperature	: -40 °C...+90 °C
(DIN EN 60068-2-27)	: 20 g (Test Time 30 min)
Shock Test (DIN EN 60068-2-27:1993)	: 30 g
Working Cycle	: 5 000 000 Cycle
Viscosity	: Between 10 ... 800 mm²/sec
Hystheresis	: Between %15 - %25

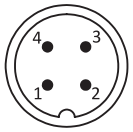
Note
These values are maximum values and they can not be used at the same me.
When you need to use the pressure switch in agressive chemicals or fluids please contact with us.
You must stict to rules of clearence standarts Hydraulic oils (fluids). Use filteraon to blocking system errors. It is effecve for long working life of pressure switches. Please avoid using out of indicated values to have a long service from pressure switch

Order Codes

KP	____	____	____	____	____		
Model	Body	Leekageproof Type	Mechanic Connection Type	Electrical Connection Type	Pressure		
					Code	Pressure Range (bar)	P_{max}
KP Model Pressure Switch	***Z*** Stainless "316 L" If you do not indicate any body type, It is delivered as zinc-plated stainless body	***V*** VITON If you do not indicate any leekageproof type, It is delivered as "NBR"	***A1*** Bottom Flange Connection ***A3*** G1/4"	**T1** DIN 43650 A **T3** M12 x 1 (4 pin)	***002*** ***008*** ***016*** ***050*** ***100*** ***250*** ***400*** ***600***	0,2 ... 2 0,5 ... 8 1 ... 16 5 ... 50 10 ... 100 20 ... 250 50 ... 400 50 ... 600	40 bar 40 bar 40 bar 600 bar 600 bar 600 bar 600 bar 1050 bar

Electrical Connection Types

2 cabled

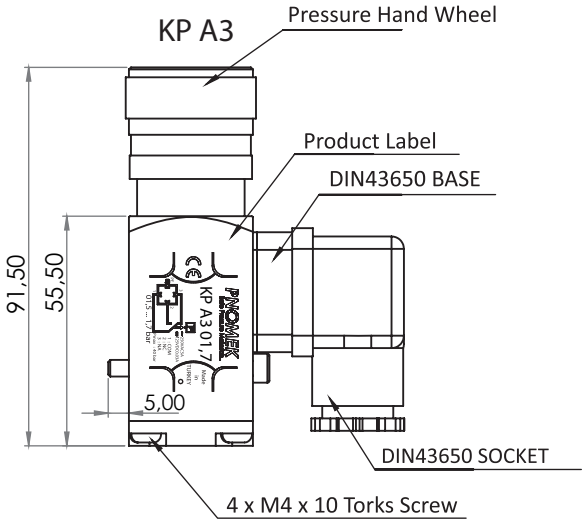
T1 DIN 43650 A Wide Socket 30 x 30		COM	1
		NC	2
		NA	3
T3 M12 x 1 (4 PIN)		COM	1
		NC	2
		NA	3

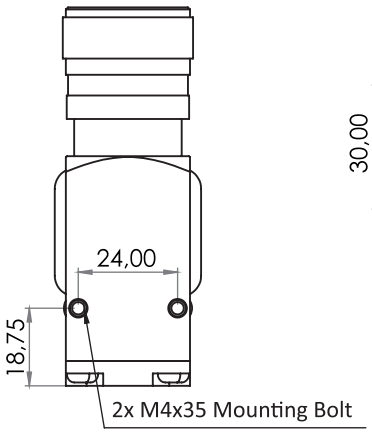
Switch Function

- Terminal 1 - 3 :It has current in case of pressure increasing. (NA)
- Terminal 1 - 2 :It has current in case of pressure decreasing or no pressure. (NC)

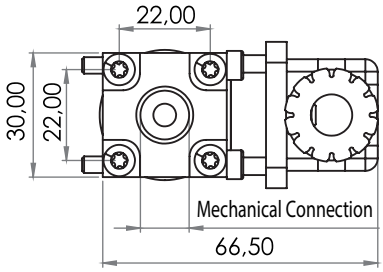
Technical Dime

KP A3



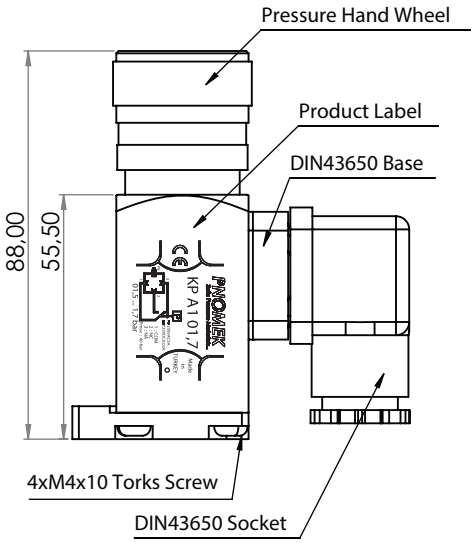


Connection Dimensions

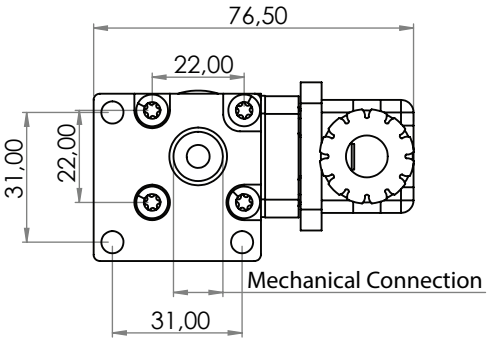


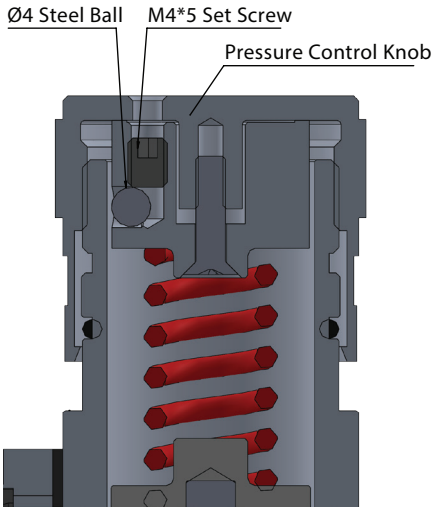
NOTE:
With KP A3 T1 serial pressure switch 2pieces of M4x35 Imbus Allen bolts are provided

KP A1



Connection Dimensions





NOTE:

After the pressure control knob of KP products is set to the desired level, it can be secured using the set screw and steel ball.