

## DESCRIPTION

LPM A3 Pressure switch opens or closes electrical circuit depending on pressure is dropping or rising. Working Pressure, 7 bar to 600 bar, can be set by pressure setting knob on the pressure switch. When you turn the setting knob to clockwise, pressure rises up. When you turn pressure setting knob to counter-clockwise, pressure drops. Pressure can be followed instantly by monometer on the pressure switch. It works appropriately under shock and high pressures. An setting knob makes it interesting for customer due to easy and convinient setting of pressure. LPM A3 series pressure switches are employed wherever compressed air, fluids and gases are used and precisely set hystherisis is needed. It has horizontal stacking connection holes for mounting. It has designed for mounting all axis'. It is classified depending on pressure ranges.

- LPM A3 Pressure Switches are setttable due to setting knob on the pressure unit
- It has aluminium case
- It has sealing ring NBR equipment
- Long service life due to high-quality micro switch
- High vibration, shock resistance.
- System pressure can be followed instantly due to manometer
- The pressure switch has G1/4 gland mechanical connection type.
- Pressure Setting Scale

## APPLICATION

- Hydraulics and Mobile Hydraulics
- Pneumatics
- Heavy-Duty machines
- Media; Compressed Air and liquids, gas

## SPECIAL FEATURES

Connection Process	: G1/4 Connection
Reproducibility	: Within %1 of set pressure
Working Tempurature	: -20 °C...+110 °C
Vibration Test ( DIN EN 60068-2-6:1996 )	: 20 g ( Test Time 30 min. )
Shock Test ( DIN EN 60068-2-27:1993 )	: 30 g
Working Cycle	: 5 000 000 Cycles
Viscosity Range	: 10 - 800 mm <sup>2</sup> /second

## NOTES

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

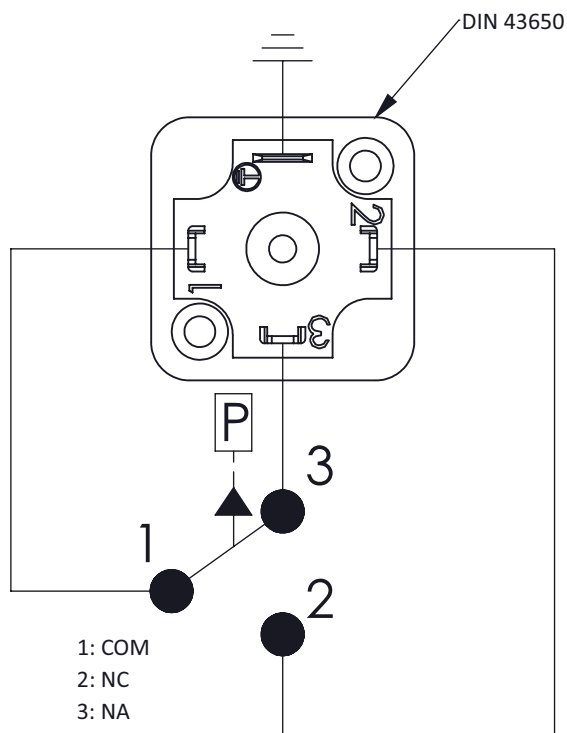


ORDER CODE

PRODUCT	PRODUCT CODE	PRESSURE RANGE	MANOMETER	ELECTRICAL CONNECTION TYPE	CONNECTION TYPE
LPM A3	LPM A3 070	7 ... 70 bar	Ø63-100 bar with glycerin	NA / NC	G1/4 CONNECTION
	LPM A3 160	20 ... 160 bar	Ø63-250 bar with glycerin		
	LPM A3 300	20 ... 300 bar	Ø63-400 bar with glycerin		
	LPM A3 400	20 ... 400 bar	Ø63-600 bar with glycerin		
	LPM A3 600	50 ... 600 bar	Ø63-600 bar with glycerin		

ELECTRICAL CONNECTION FEATURES

Contact connection schema:



Switch function :

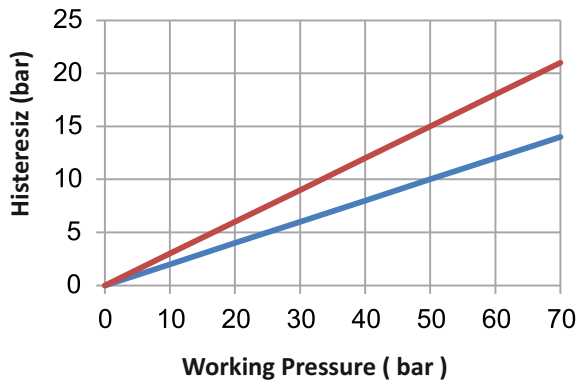
- Terminal 1 - 3: When pressure rises, pressure switch has current ( NA )
- Terminal 1 - 2: When pressure rises or it has not any pressure, pressure switch has current ( NC )

PRESSURE DIFFERENTIAL DIFFERENCE GRAPHIC

Pressure Setting Range

7 ... 70 bar

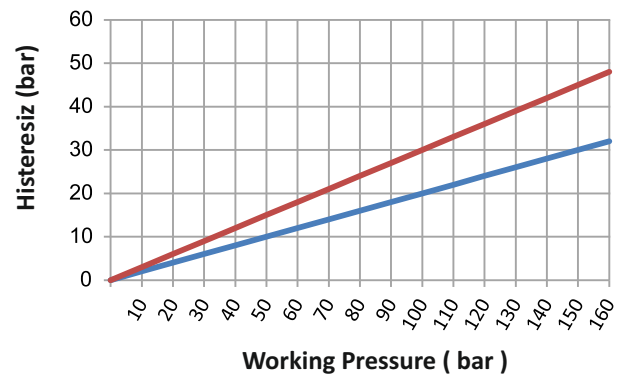
max set pressure 70 bar max system pressure 650 bar



Pressure Setting Range

20 ... 160 bar

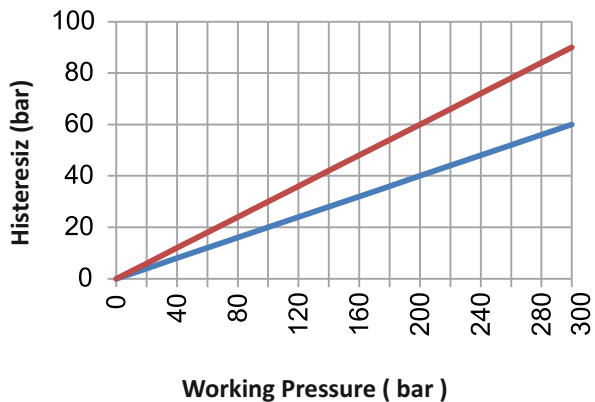
max set pressure 160 bar max system pressure 650 bar



Pressure Setting Range

20 ... 300 bar

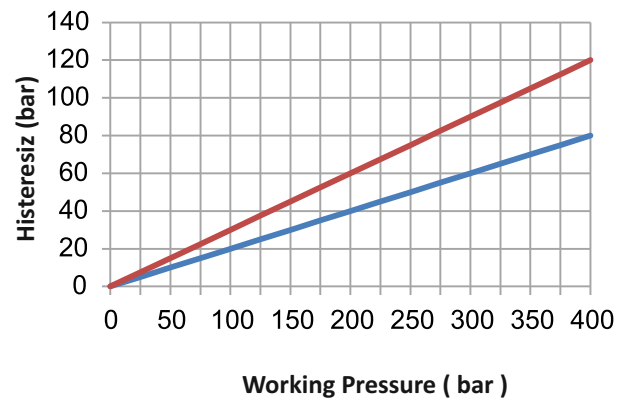
max set pressure 300 bar max system pressure 650 bar



Pressure Setting Range

20 ... 400 bar

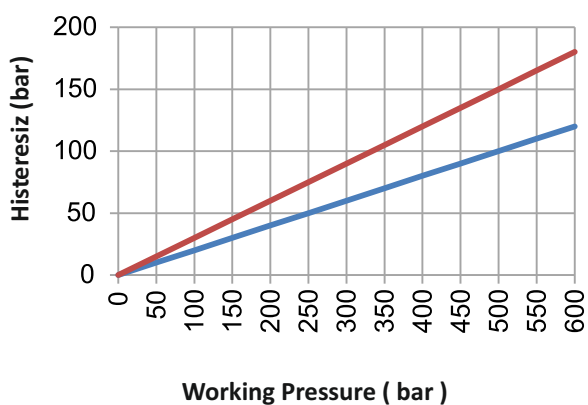
max set pressure 400 bar max system pressure 650 bar



Pressure Setting Range

50 ... 600 bar

max set pressure 600 bar max system pressure 750 bar



TECHNIC DIMENSIONS

