

**WINMAN BASINÇ ŞALTERİ – WLP A3 SERİSİ****WLP A3 SERIES****Speciality**

Connection Process	G1/4 Connection
Reproducibility	Within %1 of set pressure
Working Temperature	-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 stick to rules of clearance standards 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 or have a long service from pressure switch.

**Description**

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

- WLP A3 Pressure Switches are settable due to setting knob on the pressure unit. Pressure setting can be made conveniently due to pressure setting scale
- It has aluminium case
- It has sealing ring NBR equipment
- Long service life due to high-quality micro switch
- High vibration, shock resistance
- The pressure switch has G1/4 gland mechanical connection type

**Application**

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

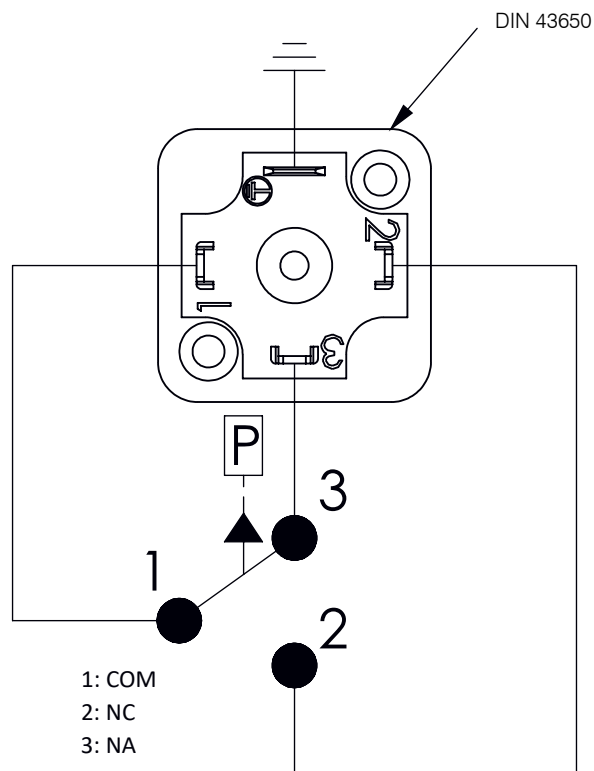
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Order Code

Product	Product Code	Pressure Range	Maximum System Pressure	Electrical Connection Type	Connection Type
WLP A3	WLP A3 070	7...70 bar	650 bar	NA / NC	G1/4 Connection
	WLP A3 160	20 ... 160 bar	650 bar		
	WLP A3 300	20 ... 300 bar	650 bar		
	WLP A3 400	20 ... 400 bar	650 bar		
	WLP A3 600	50 ... 600 bar	750 bar		

**Electrical Connection Features**

Contact connection schema :



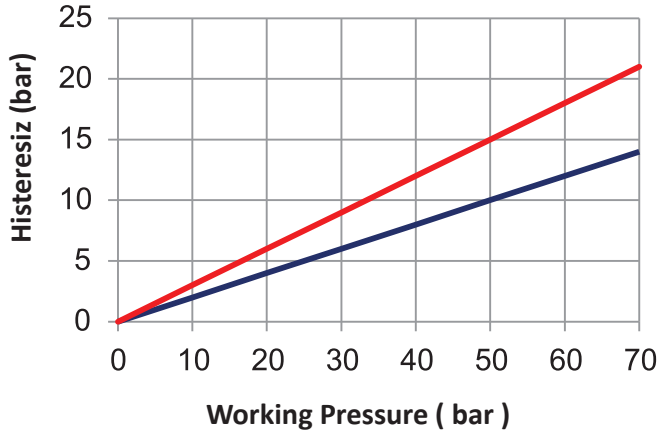
Switch function :

- 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 )

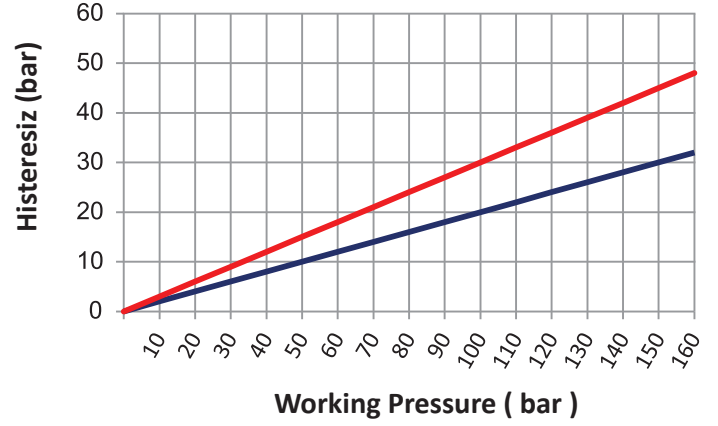
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Pressure Differential Difference Graphic

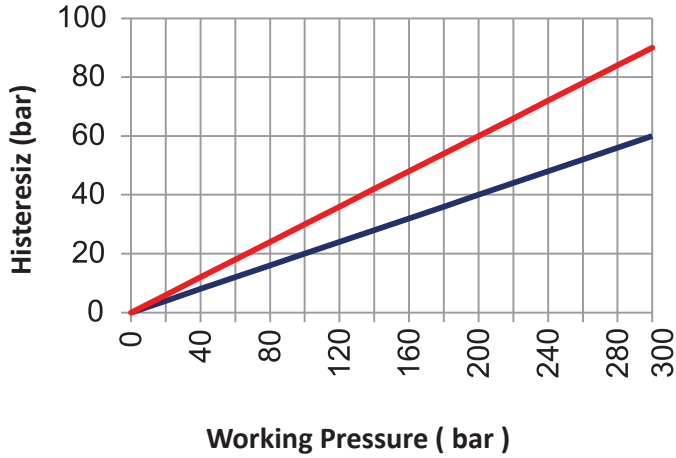
Pressure Setting Range  
7 ... 70 bar  
max set pressure 70 bar max system pressure 650 bar



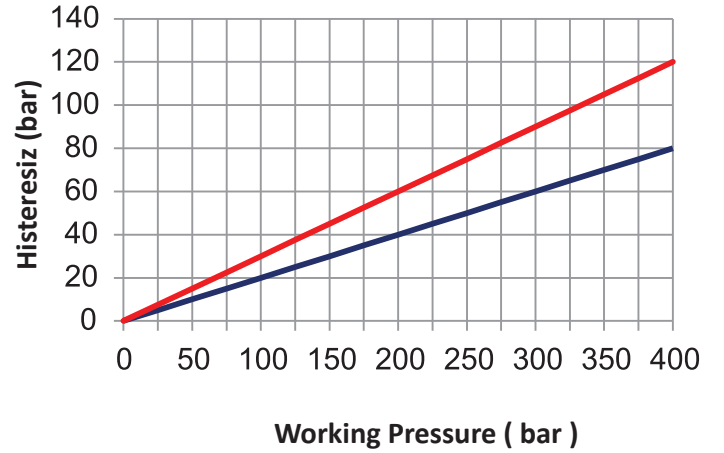
Pressure Setting Range  
20 ... 160 bar  
max set pressure 160 bar max system pressure 650 bar



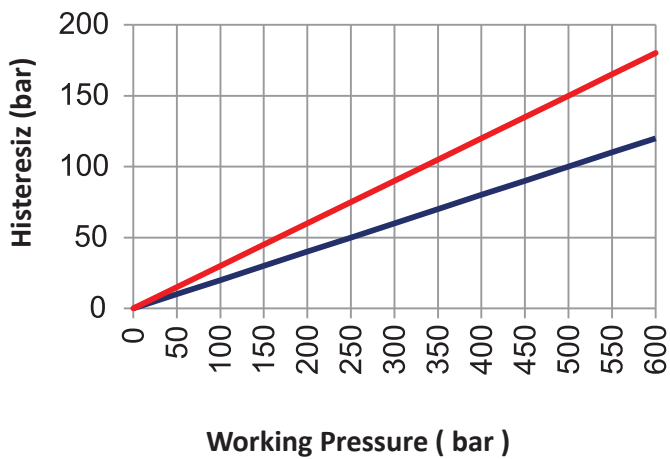
Pressure Setting Range  
20 ... 300 bar  
max set pressure 300 bar max system pressure 650 bar



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



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Technic Dimensions

