



## Description

DS3 Series Pressure Switch opens and closes electrical circuit depends on pressure increase or decrease. Working pressure is adjustable between 0,1 bar and 400 bar. System has adjustable feature while system is working. They can be used under all compressed air, liquids or gases.

- Compact and economic design
- NA/NC, Socket and fast-on connection options.
- Reproducibility of pressure switch in %3
- NBR, HNBR, VITON seal equipment.
- Body material stainless steel, brass, steel options.

## Applications

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

## Technical Features

Mechanical Connection	: G1/4" , G1/8" , 1/4" BSPT , 1/8" BSPT , M10x1,0 , M12 x 1,5 , 1/8" NPT , 1/4" NPT
Reproducibility	: Ayarlı basıncın %1'i içinde
Working Temperature ( DIN EN 60068-2-27)	: -40 °C...+90 °C
Shock Test ( DIN EN 60068-2-27:1993 )	: 30 g
Working Cycle	: 5 000 000 Cycle
Viscosity	: Between 10 ... 800 mm <sup>2</sup> /sec

### Notlar

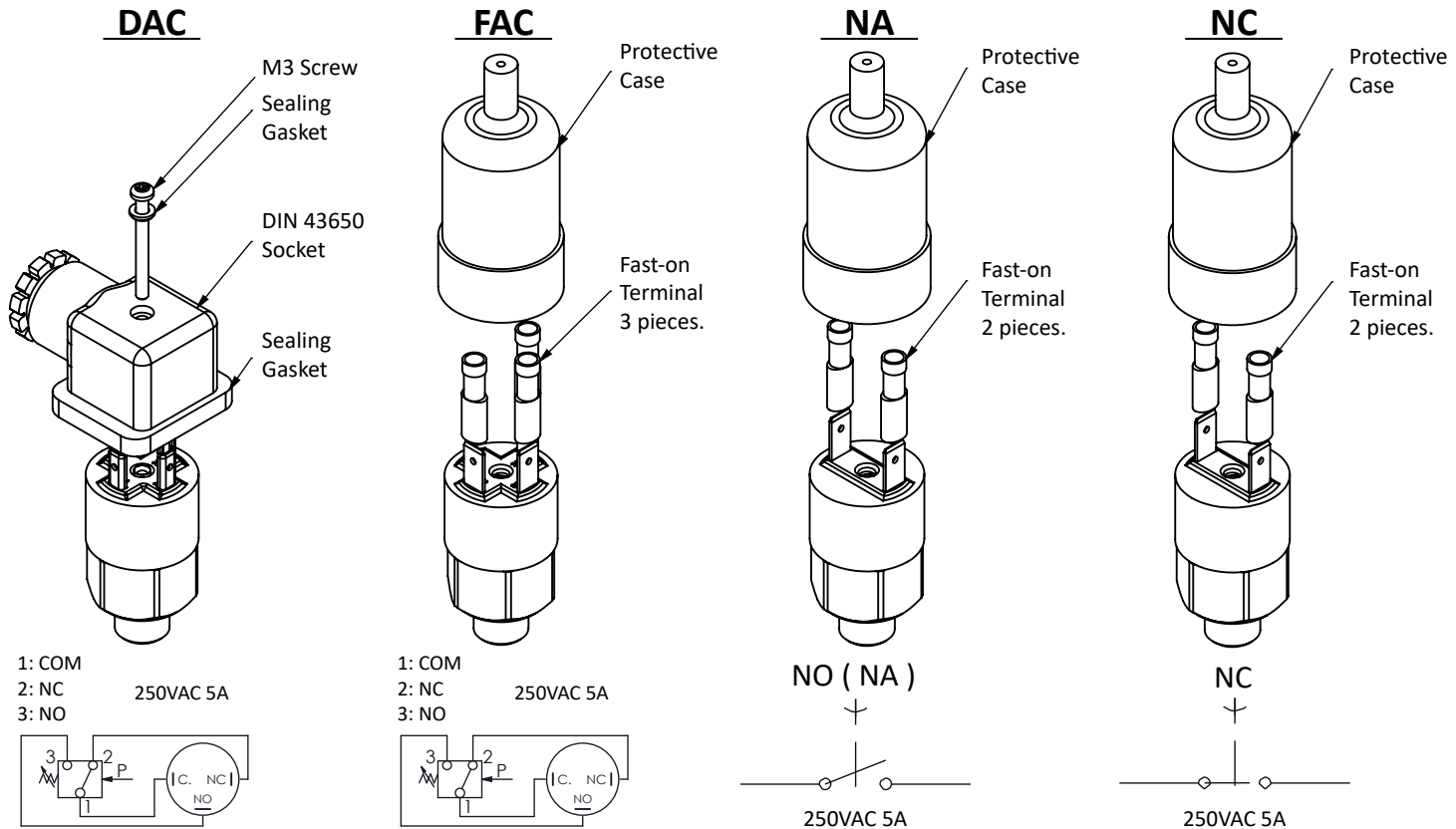
These values are maximum values and they can not be used at the same me.  
When you need to use the pressure switch in aggressive chemicals or fluids please contact with us.  
You must stict to rules of clearance standarts Hydraulic oils (fluids). Use filteraon to blocking system errors. It is effecve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

Order Codes

Model	Body	Leakageproof Type	Mechanic Connection Type	Electrical Connection Type	Pressure			Set Pressure	Pressure Conditions
					Code	Pressure Range (bar)	P <sub>max</sub>		
DS3 Model Pressure Switch	<b>Y</b> Brass "MS58"	<b>V</b> VITON	<b>A3</b> G1/4"	<b>NA</b> NO (NA) It is delivered with Fast-on terminal	002 012 100 200 400	0,2 ... 2 1 ... 12 5 ... 100 20 ... 200 50 ... 400	40 bar 40 bar 600 bar 600 bar 600 bar	If you need a product that adjusted before, you can write pressure value here.	<b>D</b> Dropping set pressure <b>Y</b> Rising set pressure
	<b>Z</b> Stainless "316 L"	<b>E</b> EPDM <b>H</b> HNBR	<b>S3</b> 1/4" BSPT <b>S4</b> 1/8" BSPT <b>B1</b> M10 x1,0 <b>B3</b> M12x1,5 <b>N3</b> 1/8"NPT <b>N4</b> 1/4"NPT	<b>NC</b> NC (NK) It is delivered with Fast-on terminal <b>FAC</b> NO/NC It is delivered with Fast-on terminal <b>DAC</b> NO/NC It is delivered with DIN 43650 Soket					

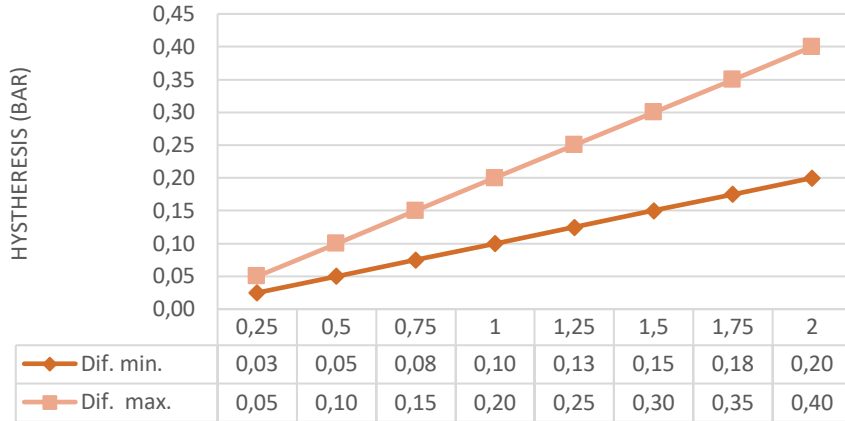
**Note:**  
Minimum order pieces of all product which is beginning with DS3 A3 ... codes. Order pieces must be 10 and multiples of 10.

Electrical Connection Types

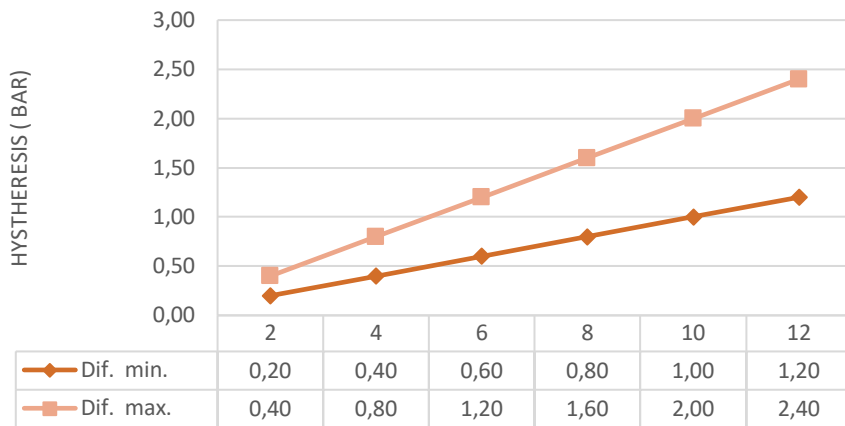


Pressure Differential Difference Graphics

Working Pressure : Adjustable between 0,2 bar ..... 2 bar  
 System pressure Max. ( Pmax ) : 40 bar  
 Type : Diaphragm

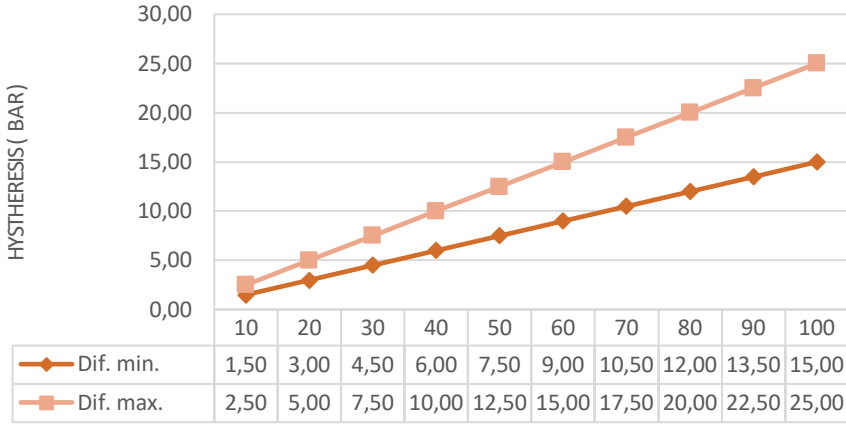


Working Pressure : Adjustable between 1 bar ..... 12 bar  
 System Pressure Max. ( Pmax ) : 40 bar  
 Type : Diaphragm

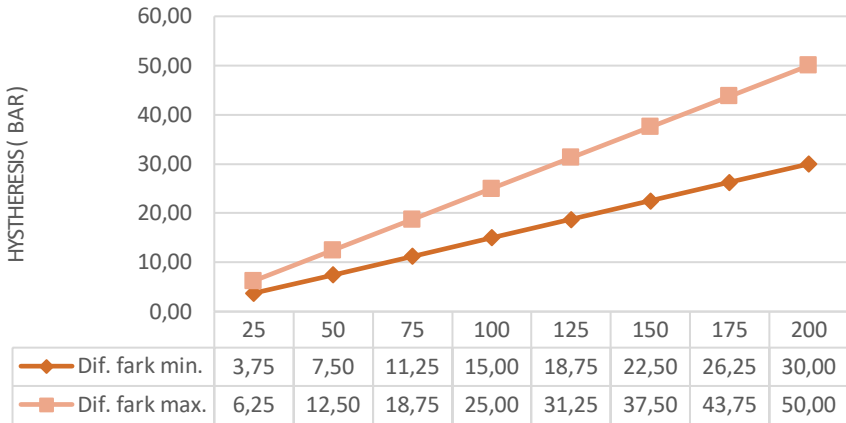


Pressure Differential Difference Graphics

Working Pressure : Adjustable between 10 bar ..... 100 bar  
System pressure Max. ( Pmax ) : 600 bar  
Type : Piston

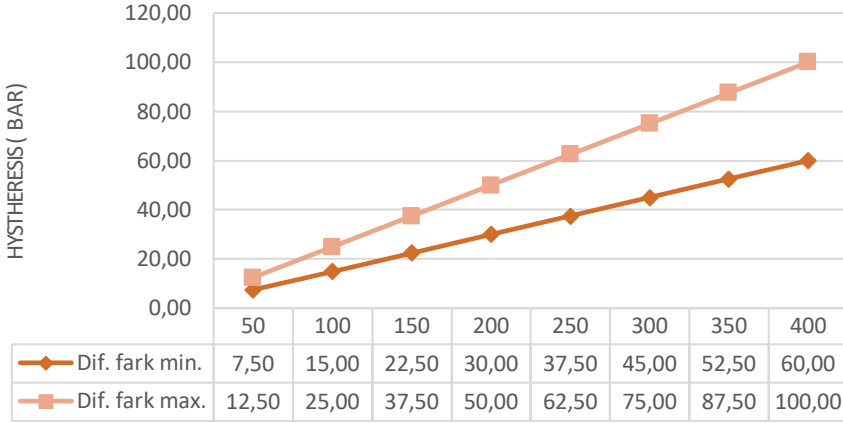


Working Pressure : Adjustable between 20 bar ..... 200 bar  
System Pressure Max. ( Pmax ) : 600 bar  
Type : Piston



## Pressure Differential Difference Graphics

Working Pressure : Adjustable between 20 bar ..... 400 bar  
System pressure Max. ( Pmax ) : 600 bar  
Type : Piston



## Technical Dimensions

