



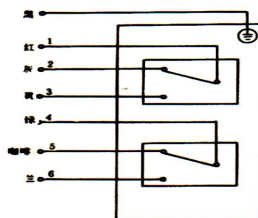
## Double Contact Pressure Switches Model: D504/7DZ

The sensor is piston with port oil spill. It is suitable for general Hydraulic medium. The set point is adjustable, and the range is from 0.3 to 40MPa.



### Main Technical Performance

<b>Working viscosity</b>	<math>1 \times 10^{-3} \text{m}^2/\text{s}</math>
<b>Switching element</b>	Micro-switches
<b>Protection Class</b>	IP54
<b>Ambient temperature</b>	-5~+50°C
<b>Fluid temperature</b>	0~+100°C
<b>Mounting position</b>	Vertical down(a slope of 15° is allowed)
<b>Vibrations</b>	Max: 20m/s <sup>2</sup>
<b>Repeatability Error</b>	≤1.5%
<b>Synchronization error:</b>	≤0.5%( lower switching point *2)
<b>Electrical rating</b>	AC 220V 6A(Resistance) 600VA



**Switching Function:**  
**Micro-switch SPDT**

**Terminals**  
1-2&4-5:Contacts close on rising pressure  
**Terminals**  
1-3&4-6:Contacts open on rising pressure

### Characteristic date

- Switching pressure difference no adjustable

Adjustable Range MPa	Switching pressure difference MPa		Max. Allowable Pressure *1 (MPa )	Number of switching cycles Z(1/min)	Pressure sensor materials		Connect ion (internal thread)	Weig ht kg	Drawing No	Cat No.					
	Lower range MPa	Upper Range MPa			housing	piston									
0.3...4	0.3	0.6	16	30	Galvanized	steel	G1/4"	1	01	0817208					
0.3...6.3	0.45	0.9								0817308					
0.5...10	0.6	1.5	30							Galvanized	steel	G1/4"	1	01	0817408
0.5...16	0.9	1.8													0817508
1...25	1.2	3	80	Galvanized	steel	G1/4"	1	01	0817608						
1...40	1.5	3.5							0817708						

Remark: 1.In practice work, Even shot pressure peaks must not exceed this value (=max.test pressure)  
2.The upper value of synchronization requirements should be indicated in the order.

### Switch selection and mounting instructions (The same as switches)

### Setting of the switching points (The same as pressure switches)

### Accessories

Alternative Cat No.: 0574767, 0574772, 0574773.



Dimensional drawing

Units: mm

