



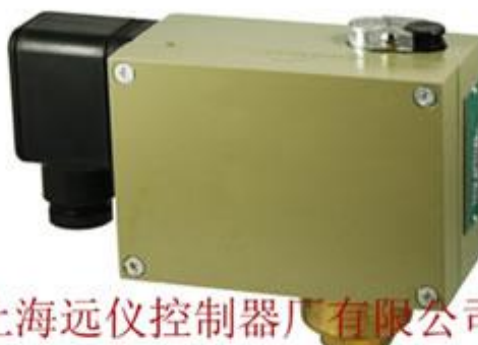
Double Contact Pressure Switches Model: D502/7DZ

The sensor is bellow type. It is suitable for general gases and liquid medium. The set point is adjustable, and the range is from -0.1 to 2.5MPa.

Main Technical Performance

Suitable for air, gas, water, steam, Refrigerant and oil medium

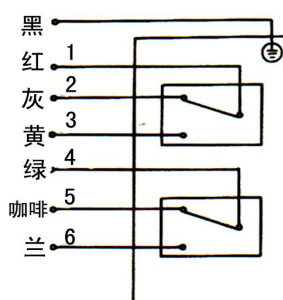
Working viscosity	<1x10 ⁻³ m ² /s
Switching element	Micro-switches
Protection Class	IP54
Ambient temperature	-40~+50℃
Fluid temperature	0~+120℃
Mounting position	Vertical down(a slope of 15° is allowed)
Vibrations	Max: 20m/s ²
Repeatability Error	≤1%
Synchronization error:	≤0.5%(lower switching point *2)
Electrical rating	AC 220V 6A(Resistance) 600VA



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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		Connection (internal thread)	Weight kg	Drawing No	Cat No.
	Lower range MPa	Upper Range MPa			housing	bellow				
-0.1...0	0.009	0.011	1	20	brass	Stainless steel 00Cr17Ni14M 02(316L)	G1/4"	1.4	01	0810108
-0.1...0.1	0.011	0.012	1							0810208
-0.1...0.16	0.012	0.015	1							0810308
-0.1...0.25	0.015	0.018	1							0810408
0...0.1	0.011	0.012	1					1.4	01	0811108
0...0.16	0.012	0.015	1							0811208
0.01...0.25	0.014	0.015	1							0811308
0.02...0.4	0.045	0.045	2							1.25
0.03...0.6	0.045	0.054	2					0811508		
0.03...1	0.045	0.06	2					0811608		
0.05...1.6	0.11	0.12	5					1.3	03	
0.05...2.5	0.11	0.15	5							0811808

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)

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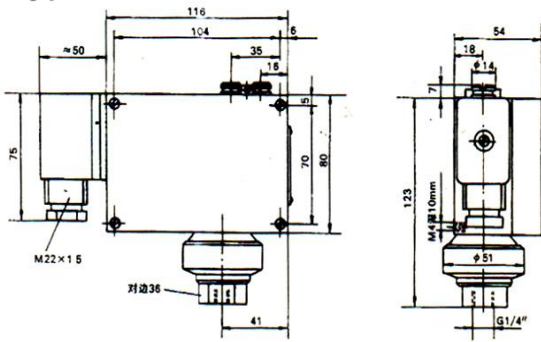
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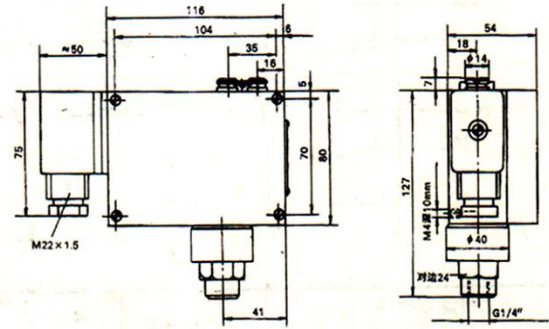
Dimensional drawing

Units: mm

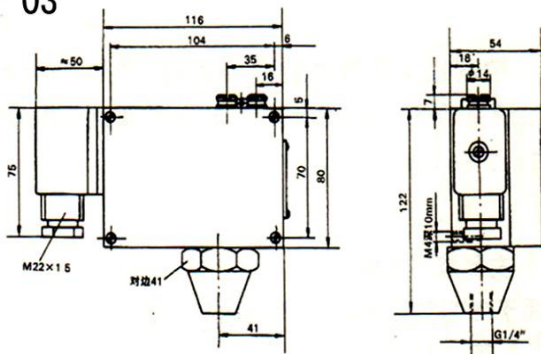
01



02



03



Accessories

Alternative Cat No.: 0574767, 0574772, 0574773.