4-WAY SOLENOID VALVES Midget size for Air, Water and Light Oil 1/4" BSP/NPT



SERIES **FP 402**

▼FLDCON▶ Midget valves are packless. solenoid pilot operated 4-way valves with forged brass bodies. These valves are extremely compact and are primarily used to control double acting cylinders, not larger than 4" in diameter.

SPECIFICATIONS: OPERATION :-

When solenoid is energised pressure is applied to 'Cylinder B' and 'Cylinder A' is open to exhaust When solenoid is de-energised pressure is applied to 'Cylinder A' and 'Cylinder B' is open to exhaust.

VALVE:

- 1) Forged brass body.
- Resilient seating.
- 3) Pipe connections suitable for 1/4" BSP/NPT.
- 4) Operating pressures from 0.8 kg/cm2 to 10 kg/cm2 for AC Voltages
- 5) Inlet orifice 1/16", Cv-Flow factor 0.036.
- Exhaust orifice 3/32", Cv-Flow factor 0.092.
- Maximum A-C fluid temperature 95°C

SOLENOID:

- 1) General purpose solenoid enclosure NEMA Type 1.
- All solenoid parts in contact with fluid are made from 300 and 400 series stainless steel.
- Continuous duty moulded coil.
- Class B insulation. 4)
- Coil voltages: 24, 48, 110, 220, 440 V A-C. 24,48,110,220 V D-C.

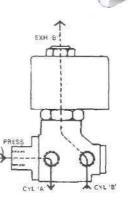
(Pressure will differ from AC Pressure by 15%

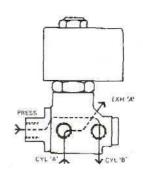
Inrush VA 60. Holding VA 24 Watts 12.5

Ambient: 5°C to 50°C.

FREQUENCY OF OPERATION

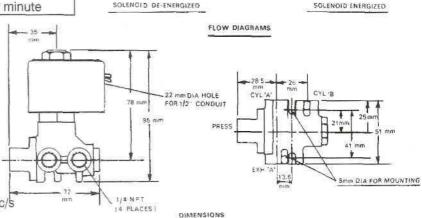
650 Cycles per minute

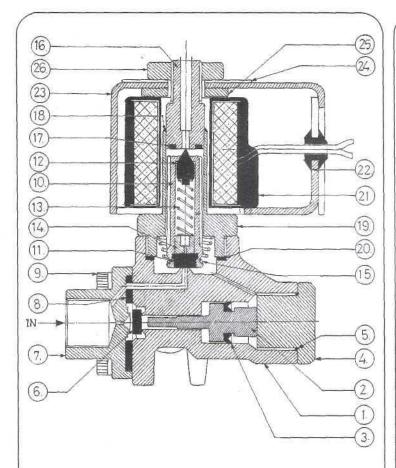




FEATURE:

- 4 way operation.
- Forged brass body
- Silent in operation.
- Solenoid capable of being turned 360°
- Continuous duty moulded coil.
- Compact size
- Can be mounted in any position without affecting performance.
- ◆FLOCON valves are made from quality materials and rigorously tested for leakage and performance. Each valve is subjected to twice the rated voltage plus 1,000 volts at 50 c/s for 60 seconds for Insulation Test.
- **◆FLOCON** valves are guaranteed for free replacement against any manufacturing defect.





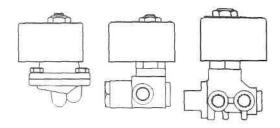
SR. NO.	NAME OF PART	PART NO.	MATERIAL	QTY.
1.	VALVE BODY	FP 40201	BRASS	1
2.	PISTON	FP 40202	S S 304	1
3.	U-CUP SEAL	FP 40203	NEOPRENE	1
4.	END PLUG	FP 40204	BRASS	1
5.	E. P. GASKET	FP 40205	NEOPRENE	1
6.	DISC	FP 40206	NEOPRENE	1
7.	INLET NUT	FP 40207	BRASS	1 1
8.	I. N. PACKING	FP 40208	NEOPRENE	1
9.	SCREWS	FP 40209	ALLOY STEEL	4
10.	PLUNGER	FP 40210	S S 410	1
11.	PLUNGER SEAT	FP 40211	NEOPRENE	1
12.	STOPPER SEAT	FP 40212	NYLON	1
13.	SPRING FOR '12'	FP 40213	SS 304	1
14.	SLEEVE	FP 40214	SS 304	1
15.	PLUNGER SPRING	FP 40215	SS 304	1
16.	STOPPER	FP 40216	SS 410	1
17.	SHADING RING	FP 40217	COPPER	1
18.	S. S. TUBE	FP 40218	S S 304	1
19.	HEX NUT FOR '18'	FP 40219	BRASS	1
20.	GASKET FOR '19'	FP 40220	NEOPRENE	1
21.	COIL	FP 40221	ENAMELLED C. W.	1
22.	BASE PLATE	FP 40222	C. R. C. A.	1
23.	COIL HOUSING (TOP)	FP 40223	C. R. C. A.	1
24.	NAME PLATE	FP 40224	ALUMINIUM	1
25.	SPRING WASHER	FP 40225	SPRING STEEL	1 1
26.	TOP NUT	FP 40226	BRASS	1

ORDERING INFORMATION:

We must have Type, Pipe size Operating Pressure, Operating Voltage and Media handled.

IMPORTANT:

Use Strainers with the valves. Use the valves only at pressure and voltage specified on the name plate.



NOTE:

In line with their policy of continous product development, the manufacturer reserves the right to change specifications without notice.



MANUFACTURERS:

PRECISION

THEMUNTEN

G0_

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