



## JV230010

**Direct Acting  
General Purpose  
Solenoid Valve**

**2/2  
Normally Closed**

**BSP Threaded  
(NPT on request)**



The JV230010 is a small bore direct acting general purpose solenoid valve suitable for air, water and light oils up to 40 centistokes.

The valve is supplied with NBR seals and gaskets as standard with the option of EPDM, FKM and HNBR on request.

This two way valve is normally closed and energised to open.

### Approvals, Features & Benefits

- Suitable for air, water and light oils
- Direct acting - no minimum pressure required
- Various operating voltage options
- Compact & lightweight
- Can be install in any orientation

### Pressure & Temperature

Pressure range :-

Up to 20 Bar\*

Temperature range:-

NBR : 0°C to 80°C (Standard)

FKM : 0°C to 130°C

EPDM : 0°C to 160°C

Ambient : -10°C to 50°C

\* Dependent on coil voltage & wattage

BSP	1/8"	1/8"	1/8"	1/4"	1/4"	1/4"	3/8"	3/8"
Orifice	1.5	1.2	0.8	2.3	1.5	1.2	8.0	8.0
A	22	22	22	25.4	25.4	25.4	30	30
B	22	22	22	35	35	35	55	55
C	72	72	72	75	75	75	79	79
D	15	15	15	18	18	18	18	18
E	11	11	11	17.5	17.5	17.5	27.5	27.5
F	22	22	22	25.4	25.4	25.4	25	25
G	7.5	7.5	7.5	12.7	12.7	12.7	11	11
Coil Wattage	4.5	4.5	4.5	4.5	4.5	4.5	15	18.5
AC Max. Pressure (bar)	8.5	16	20	8.5	16	20	10	16
DC Max. Pressure (bar)	7	10	13	7	10	13	7	16
Kv (litres/min)	1.2	0.7	0.5	2.0	1.2	0.7	19.0	19.0
Weight Kg	0.2	0.2	0.2	0.3	0.3	0.3	0.5	0.5

### MATERIALS

Valve Body	Brass
Tube & Internal Parts	Stainless Steel
Seals & Gaskets	NBR • Optional EPDM, FKM and HNBR on request

### TECHNICAL DATA

AC Voltage Options (±10%) - Cont. Duty 100%	12V • 24V • 110V • 230V • 380V (50/60 Hz)
DC Voltage Options (±10%) - Cont. Duty 100%	12V • 24V • 48V • 110V • 220V
Opening Time	<20 millisecond
Closing Time	<20 millisecond
Coil Insulation	4.5W : Class F - 155°C • 15W & 18.5W : Class H - 155°C
Electrical Connections	3 Spades • DIN 46650A • DIN 40050 • VDE0110
Power Consumption	4.5W - Inrush: 11.6VA - Holding: 8.5VA • 15W - Inrush: 23VA - Holding: 17VA 18.5W - Inrush: 33VA - Holding: 24VA
Protection Class	IP65 with connector

### OPTIONS

ATEX Coil - EExmIIIT4 II 2G & 2D IP65 T130°C (4.5w & 15w only)

NPT Threaded

### AVAILABLE SPARES

Coil

Complete Plunger Assembly