



JV230003

Direct Acting
WRAS Approved
Water
Solenoid Valve

2/2
Normally Closed
BSP Threaded
(NPT on request)



The JV230003 is a direct acting WRAS approved solenoid valve suitable for potable water applications.

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

Approvals, Features & Benefits

- WRAS approved (PU220D)
- Direct acting - no minimum pressure required
- Various operating voltage options
- Compact & lightweight
- Supplied with 15 watt coil as standard
- Optional 18.5 watt coil for 10 bar pressure

Pressure & Temperature

Pressure range :-

Up to 10 Bar*

Temperature range:-

Media : 0°C to 90°C

Ambient : -20°C to 60°C

* Dependent on coil voltage & wattage

BSP	3/8"	1/2"	3/4"	1"
A	66.5	66.5	71.0	96.0
B	101.0	101.0	107.0	120.5
C	48.0	48.0	58.0	70.0
AC Max. Pressure - 15W coil (bar)	7	7	7	7
DC Max. Pressure - 15W coil (bar)	6	6	5	5
AC/DC Max. Pressure - 18.5W coil (bar)	10	10	10	10
Kv (litres/min)	59.0	59.0	125.5	170.5
Weight Kg	0.74	0.72	0.95	1.49

MATERIALS

Valve Body Brass

Tube & Internal Parts Stainless Steel

Seals & Gaskets EPDM

TECHNICAL DATA

AC Voltage Options (±10%) - Continuous Duty 100%	12V • 24V • 110V • 240V • 380V (50/60 Hz)
DC Voltage Options (±10%) - Continuous Duty 100%	12V • 24V • 48V • 110V • 220V
Opening Time	<50 millisecond
Closing Time	<500 millisecond
Coil Insulation	Class H - 180°C
Electrical Connections	3 Spades • DIN 46650A • DIN 40050 • VDE0110
Power Consumption	15 Watts / 18.5 Watts (optional) • Inrush : 23VA - Holding : 17VA
Protection Class	IP65 with connector

OPTIONS

ATEX Coil - EExmIIIT4 II 2G & 2D IP65 T130°C (Max. 3 bar)
Slow Close - Reduced Water Hammer Design
NPT Threaded
18.5 Watt Coil for 10 bar pressure

AVAILABLE SPARES

Diaphragm Seal
Coil
Complete Plunger Assembly