

## JANUS CONTROL VALVE 2/2 DIRECTIONAL VALVE

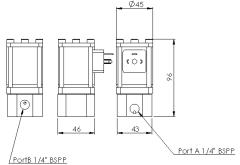
## Design

Available in both normally open and normally closed configuration, the 2/2 valve is supplied as a cartridge design and therefore can be arranged to offer multiple functions from a single block; reducing cost on expensive fittings and pipe work. Please contact TWHC for manifold options or cavity details.

The wet pin design solenoid actuator has no dynamic sealing and therefore produces adequate force to directly actuate the valve with an orifice size of 2.5mm up to a maximum working pressure of 160 bar. For lower actuation pressures, the diameter of the flow gallery can be increased to deliver a much greater cross section of flow path for higher flow conditions. For higher flow capacity, please see data sheet for the 2/2 pilot valves.

SPECIFICATION		
Max Inlet Pressure	200 Bar	
Operating Pressure Range	8 to 160 Bar	
Flow Range	0-10 L/min	
Flow Characteristics	Cv Rate 0.15 Kv Rate 0.13	
Feed Gallery Diameter	2.5mm	
Porting	1/4" BSP (Parallel)	
Construction Materials	A.I.S.I 316/Polymer	
Solenoid Operation	12 & 24V DC	
Media	Water Filtered to 25µm	
Temperature Range	1 to 50°C	





Note: Porting orientation changes with spring condition

ORDERING CODES	SPRING POSITIONS	12V DC	24V DC
B In	N/C	226AASW	226AOSW
A In	N/O	221AASW	221AOSW



The Water Hydraulics Co. Ltd.

Alexandra House, English Street, Hull, East Yorkshire, HU3 2DJ, United Kingdom. Tel: +44 (0)1482 595000, E-Mail: sales@waterhydraulics.co.uk.

England Website: www.waterhydraulics.co.uk

