

VZO Zone (Ball) Valves

VZO are compact 2-port motorised ball valves with On/Off operation. The units have an internal relay allowing two or three wire operation. The opening and closing speed is moderate designed to prevent mechanical shocks in the hydraulic plants.

Features

- 230Vac On/Off Ball Valve
- Fast Installation and Wiring
- Mechanical Indicator for Valve Position
- Electrical Output for Valve Open Position Check
- IP44 Enclosure
- Auxiliary End-Switch Active when the valve is completely open
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Model Type	Model	Description
	VZO-2F-012J	2-Port Ball Valve ½" BSP with 230V Actuator
	VZO-2F-034J	2-Port Ball Valve ¾" BSP with 230V Actuator
	VZO-2F-100J	2-Port Ball Valve 1" BSP with 230V Actuator
	VZO-2F-114J	2-Port Ball Valve 1¼" BSP with 230V Actuator
	VZO-2F-112J	2-Port Ball Valve 1½" BSP with 230V Actuator
	VZO-2F-200J	2-Port Ball Valve 2" BSP with 230V Actuator

Technical Data		
Power Supply		230Vac ±10%, 7.5VA
Max Operating Pressure		PN10 bar
Max Torque		8 Nm
Rotation Time		30secs / 90°
Output Contact Rating		1 (1) A @ 250 Vac
Fluid Temperatures		0..110°C
Ambient Temp		0..+55°C
Cable		4 x 0.5 mm ² , length 2m
Protection Class		IP44
Electrical Safety		Class II (EN60335-1)

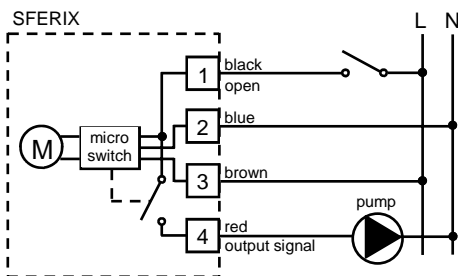
Wiring Details

Wiring Precautions

- This valve is not to be used in systems with pulse driving / pulse width modulation (i.e. with controllers or thermostats that provide time-proportionate output signal).
- The appliance must be wired to the electric mains through a switch capable of disconnecting all poles in compliance with the current safety standards and with a contact separation of at least 3 mm in all poles.
- Installation and electrical wirings must be made by qualified electricians and in accordance with the latest regulations.
- Before wiring please ensure that the power has been switched off.

WIRING DETAILS

VZO-2F-012J, 034J, 100J, 114J
(1/2", 3/4", 1", 1 1/4")



Wiring for normally closed valve and opening operation