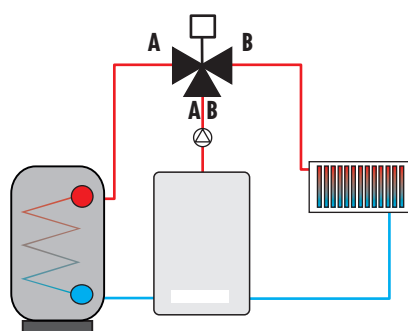


Diverting 3-way valves WZP3

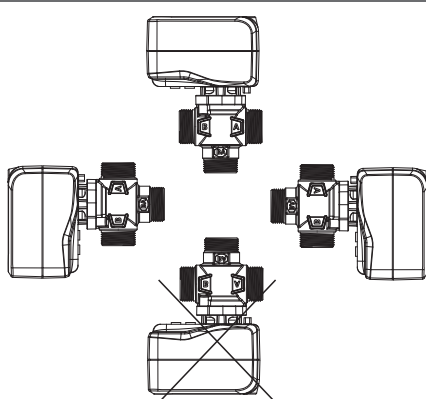


3-way diverting valves of the WZP3 series are intended for heating and cooling systems. They are used in installations where it is required to use an element that switches the flow directions of the medium. The actuator is mounted on the valve with a clip, which facilitates assembly and does not require any additional tools. The actuator is equipped with an anti-blocking function. If the motor is blocked, it reverses its direction of operation. Thanks to this, the actuator is protected against damage, which significantly increases its service life. The valve scale shows the current position of the valve, and the compact dimensions allow it to be used even in small rooms.

Assembly diagram



Possible mounting positions

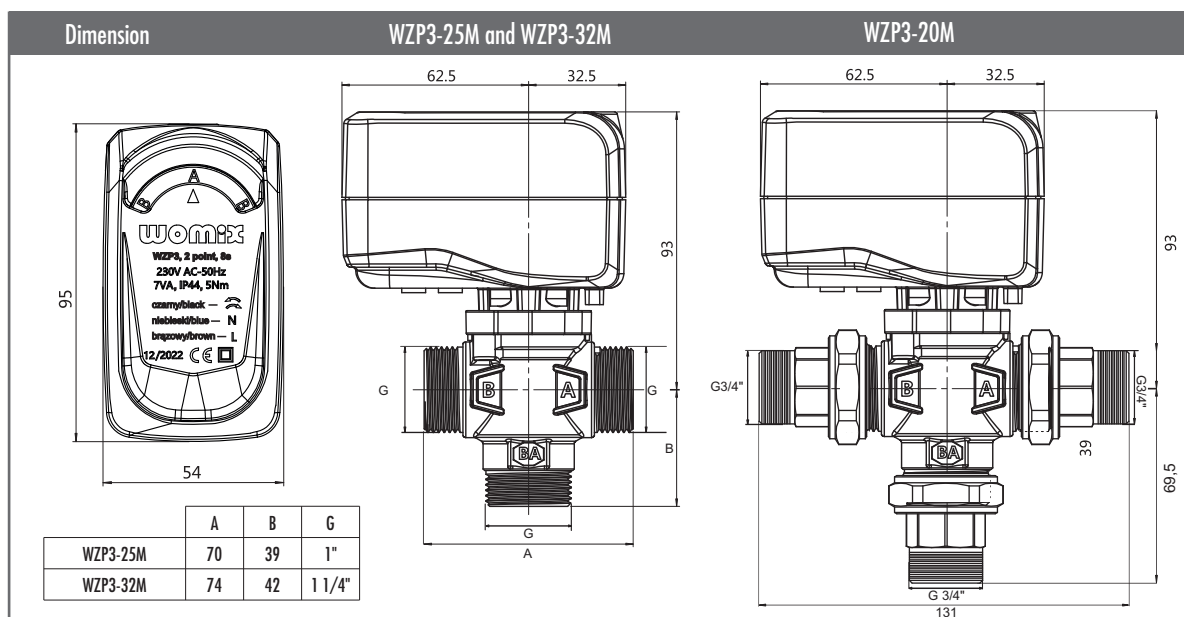


Technical data:

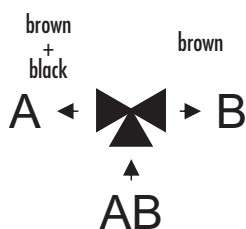
Connections:	WZP3-20M - 3/4" M WZP3-25M - 1" M WZP3-32M - 1 1/4" M
Kvs:	8 m ³ /h for WZP3-20M and WZP3-25M 13 m ³ /h for WZP3-32M
Voltage/Power:	230V AC, 50 Hz, 7VA
Control signal:	2-point SPST
Protection class:	II, IP44
Position indicator:	on top of cover
Maximum Torque:	5 Nm
Cable :	3 x 0,75 mm ² , 1m
Rotation time and angle:	8s/60°
Ambient temperature:	0°C..+55°C
Certificate:	CE, ROHS
Nominal pressure:	PN10
Medium:	water, glycol < 50%, min. +5°C, max. +80°C
Media temperature:	min. +5°C, max. +80°C
Leakage (Δp=1 bar):	0,1% kvs
Max. diff. pressure:	1 bar
Materials:	brass, PPS, PTFE
Sealing ring:	PA 66+ rubber

Type	Kvs	Voltage	Rotation time	Catalog number
Diverting 3-way valve WZP3-20M	8	230	8 s	601071
Diverting 3-way valve WZP3-25M	8	230	8 s	601072
Diverting 3-way valve WZP3-32M	13	230	8 s	601073



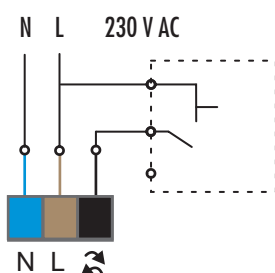


The principle of operation of the valve



The WZP3 3-way valve is installed to change the movement of the medium from the AB inlet to the A or B outlet, which are marked on the body. When the voltage is applied to the brown wire, the medium will flow from AB to B. When the voltage is applied to the brown and black wires, the medium will flow from AB to A. The current position of the valve is shown on the top of the actuator. The "A" position is responsible for the flow from AB to A, while the "B" position is responsible for the flow from AB to B.

Wiring diagram



black
blue
brown

