

315 Flow switch with magnetically operated contacts

Size: ½"

Flow switch with magnetically operated contacts.

230 V - 0,02 A.

Max. working pressure: 6 bar.
Max. working temperature: 100°C.

Contact closing with **increasing flow rate** at: 156 l/h

Contact opening with **decreasing flow rate** at: 108 l/h

Technical Specification:

Materials:

Body brass EN 12165 CW6 17N

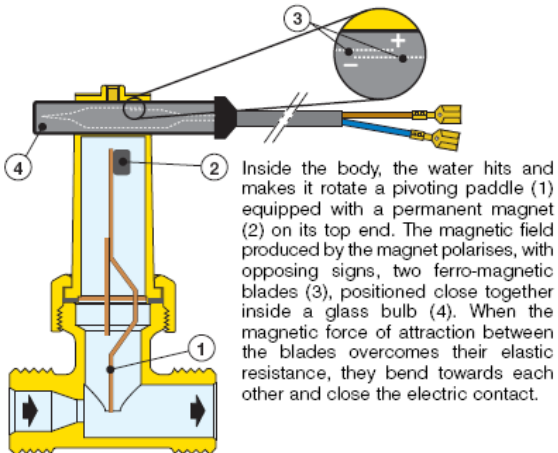
Performance:

Medium: Drinking water and glycol solutions
Max Percentage of glycol: 30%
Protection class: IP65

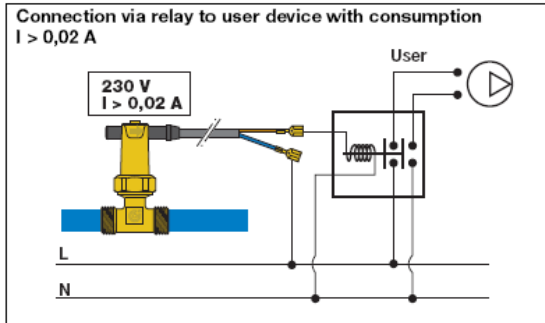
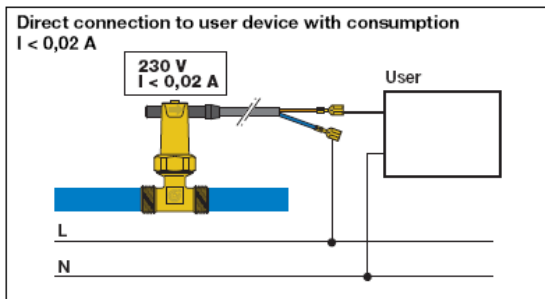
Max working pressure: 6 ba5r
Working temperature range: -15 – 100 °C
Voltage: 230 V (ac)
Maximum current intensity: 0,02 A
Contacts normally open (NO)
Contacts close with increase flow at: 156 l/h (1/2")
Contacts open with decreasing flow at: 108 l/h (1/2")
Threaded connections: ½" M



Operating principle

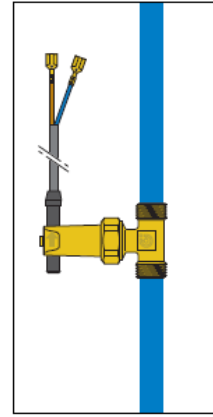
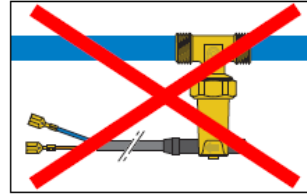
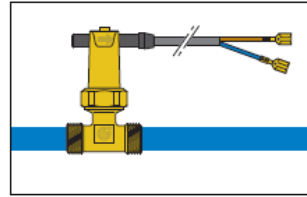


Electrical connections

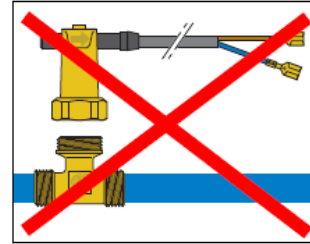


N.B.: It is recommended to pay attention to the current consumption value of the user device the flow switch is connected to. If this value is greater than **0,02 A**, a relay must be installed between the flow switch and the user device itself to prevent damage to the flow switch contacts.

Installation



The 315 series flow switch can be installed on either vertical or horizontal piping, but not upside down. The top part of the flow switch, containing the magnetic mechanism, is rigidly fixed to the body and therefore cannot be removed.



International approvals:

CE and WRAS