Flow switch for domestic applications 615 & 622

An Ideal flow switch for domestic showers and water pumps etc.

- Supplied complete with compression fittings
- SPDT (C/O) contacts
- User adjustable (see ranges)
- 1m of 3-core cable
- WRAS approved

Model: 615 For 15mm copper pipe
Flow adjustment options
0.8 - 1.5 l/min
1.5 - 2.5 l/min
3.0 - 6 - l/min

Model: 622 For 22mm copper pipe
Flow adjustment options
1.5 - 2.5 l/min
3.0 - 6 .0 l/min

Prices & Model selection on our website at WWW.PVL.CO.UK

Technical Data:	
Maximum operating pressure	8 bar static
Maximum operating temperature	Liquid 85 deg C
Minimum operating temperature	Liquid 5 deg C
Maximum ambient temperature	70 deg C
Minimum ambient temperature	5 deg C
Maximum flow rate	Model 615 = 8 l/min - Model 622 = 9 l/min
Maximum operating voltage	250 V
Current rating	16A Res (4A Ind)
Enclosure protection	IP54

PRESSURE-VACUUM-LEVEL LTD
Unit 9, Lexden Lodge Industrial Estate, Jarvis Brook,
Crowborough, East Sussex, TN6 2NQ U.K.
Tel: +44(0)1892 66 44 99 Fax: +44(0)1892 66 36 90
Web: www.pvl.co.uk Email: info@pvl.co.uk

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FLOW SWITCH FOR COPPER PIPE

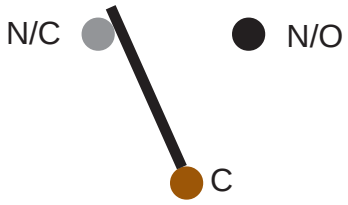
INSTRUCTIONS

For Models 615 & 622 Flow Switches complete with compression fittings.

Model: 615 For 15mm copper pipe
Model: 622 For 22mm copper pipe

IMPORTANT:
Always disconnect from the electrical supply before making any adjustment.
Suitable for use with water only. For use with other media refer to the your supplier.

Maximum operating pressure	8 bar static
Maximum operating temperature	Liquid 85 deg C
Minimum operating temperature	Liquid 5 deg C
Maximum ambient temperature	70 deg C
Minimum ambient temperature	5 deg C
Maximum operating voltage	250 V
Current rating	16 A Res (4A Ind)
Enclosure protection	IP54



Brown = Common
Black = Normally Open
Grey = Normally Closed

Installation Notes:

1. Note the correct flow direction through the 'Flow Switch' is indicated on the top of the blue housing. The 'Flow Switch' may be mounted in any attitude in the pipework.
2. Water passing through the 'Flow Switch' should be clean and free from the solid particles exceeding 50 microns. The use of an upstream strainer of appropriate mesh size and suitable limescale preventative is recommended.
3. When connecting the 'Flow Switch' to pipework, the copper pipe should not protrude further than 5.0mm from the olive. Care must be taken not to permanently distort the 'Flow Switch' body by use of excessive tightening force.
4. Both the capnut securing the 'Flow Switch' head to the body and the microswitch screw are factory tightened and must not be unscrewed.
5. The cable gland fitted to the enclosed model must not be unscrewed. Connection to the electrical supply should always be made in accordance to the current IEE regulations and by qualified personnel.
6. All pipework should be fully earth bonded to IEE regulations.
7. If any adjustment is required, always disconnect the 'flow switch' from the mains electrical supply before making any adjustments. A 1.5mm A/F Allen key is required. Remove the sealing bung from the blue housing. Screwing the socket head screw in a clockwise direction will compress the control spring further and increase the rate at which switching occurs. Reversing this action will reduce the flow rate at which switching occurs. Care should be taken to avoid extremes of adjustment which would allow the control spring to be over compressed or disengaged.

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