

Paddle Flow Switches

DS1402



www.platon-direct.eu

AIR / LIQUID MINI FLOW SWITCHES

The Model V10 paddle flow is perfect for flow control in smaller pipe sizes at higher system pressures. Unique patented switch adjustment enables quick changes between Normally Open (NO) and Normally Closed (NC) - just loosen two screws and slide the reed switch to your choice of switch actions. Tighten screws and it's complete in seconds! Solid metal bodies enable operation at high system pressures of 69 barg for brass units or 138 barg for stainless steel. The vane is specially formed for maximum strength and has a removable laminated trim template showing where to cut for water or air flows in six pipe sizes from 1/2" to 2". An index arrow on side of the body indicates correct flow direction.

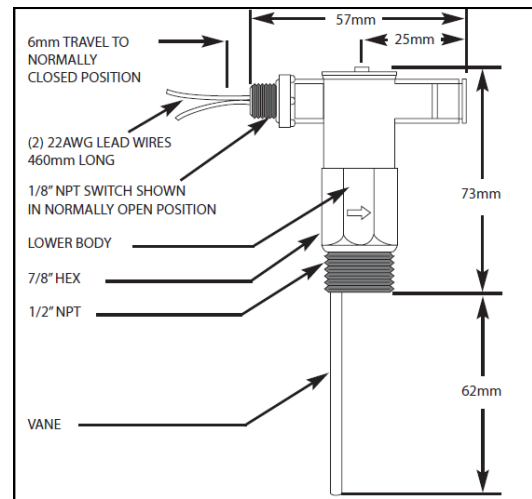
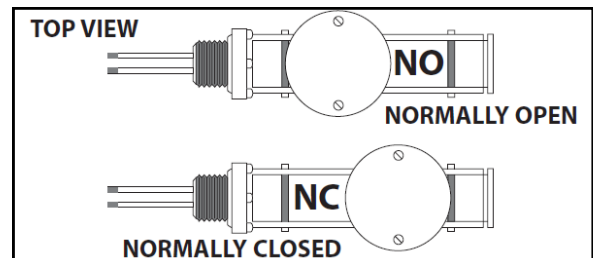


SPECIFICATION

Electrical Conn.	2 x 460mm 22 AWG wire
Temperature Limit	93°C Maximum
Operating Pressure	Brass body 69 Bar Stainless steel body 138 Bar
Pipe Connection	1/2" NPT
Switch	Single pole reed switch
Electrical Rating	1.5A, 24V DC resistive, 0.5A, 120V AC
Body	Brass or 303 Stainless steel
Wetted Parts	301, 302, 316 Stainless steel, Ceramic magnet
Frame	301 Stainless steel
Mounting	Any position

FLOW SWITCH RANGE

Approximate Actuation / De-actuation								
Water L/min (20°C)				Air Nm/h (ATP)				
Pipe Size	NO		NC		NO		NC	
	Act.	De-act.	Act.	De-act.	Act.	De-act.	Act.	De-act.
1/2"	9.8	8.7	9.8	9.5	17.5	15.0	17.3	15.6
3/4"	11.7	10.2	11.7	10.6	22.1	19.7	21.9	19.7
1"	18.2	17.0	18.2	16.7	32.6	29.9	32.1	29.9
1 1/4"	23.5	21.2	23.1	21.2	42.1	37.7	41.6	38.2
1 1/2"	31.0	29.1	31.0	29.1	56.8	53.0	56.1	52.0
2"	36.0	34.4	36.0	34.1	85.3	82.2	85.3	81.1



INSTALLATION

Install with index arrow in direction of flow

Every effort has been made during the preparation of this document to ensure the accuracy of statements and specifications. However, we do not accept liability for damage, injury, loss or expense caused by errors or omissions made. We reserve the right to withdraw or amend products or documentation without notice.



LICO Electronics GmbH
 lederinger Strasse 31
 A-2320 Kledering, Austria
 E-mail: sales@lico.at | office@lico.at
 Tel.: +43 1 706 4300

LICO Mechatronic Kft.
 Raba u. 4.
 H-2030 Erd, Hungary
 Email: sales@lico.hu / sales@lico.at
 Tel: +36 23 520 138

www.platon-direct.eu