



Description

The flow switch serie FLUS001 is designed for controlling flow rates in pipes and ducts employed in HVAC applications from 3/4" up to 8". The reed contact guarantees a complete isolation between the electrical and the mechanical part.

Technical specifications

Flow rate	See schedule
Switching output	Reed SPST, max. 26 VA, 20 W
Electrial rating	1 A, 230 V AC, 48 V DC
Electical connection	RVV cable 2x0,5 mm ² , 300/500V UV and weather resistant
Max pressure	10 bar
Average pressure loss	0.01 bar at Q max
Hysteresis	min. 0.7 l/min.
Housing	PPO, black
Connection	Threaded female 3/4 ring
Body and lever material	Brass
Paddles material	Stainless steel
Dimensions	See drawing
Protection type	IP65
Protection class	I
Max. fluid temperature	-25 ...+100°C
Working temperature	-25 ...+70°C

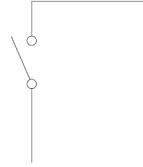


Installation Horizontal or vertical, far from elbows or narrowing, with the arrow in the direction of flow. If the device is mounted downwards protect it from scale or impurities and apply it in a straight line away from the filters, valves, etc with a distance of at least 5 times the diameter of the pipe upstream and downstream of the unit.

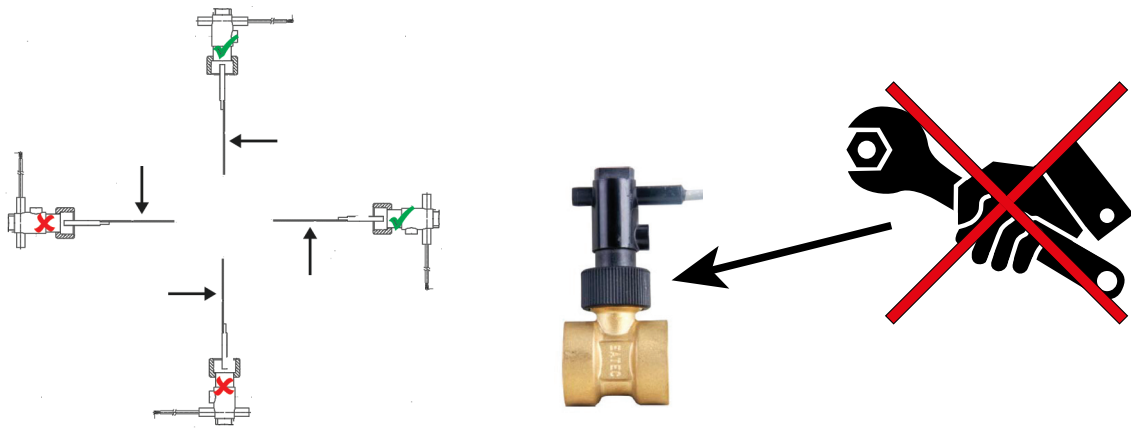
Standards CE conformity, RoHS

Pipe	Length of paddle cut (mm)	Flow rate m ³ /h H ₂ O		Max. recommended flow rate m ³ /h H ₂ O
		Increasing flow ON	Decreasing flow OFF	
DN20	9	1,08	0,9	4
DN25	15	1,32	1,08	5
DN32	20	1,92	1,62	8
DN40	30	2,1	1,8	10
DN50	40	2,7	2,4	14
DN80	60	5,1	4,68	30
DN100	80 (do not cut)	6,36	5,82	40
DN150	80 (do not cut)	15,48	14,22	100
DN200	80 (do not cut)	30	28,98	180

Electrical wirings



Installation



Dimensions (mm)

