



## 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

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

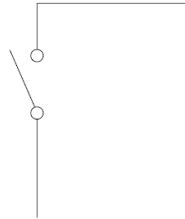
**Standards** CE conformity, RoHS

Pipe	Length of paddle cut (mm)	Flow rate m <sup>3</sup> /h H <sub>2</sub> O		Max. recommended flow rate m <sup>3</sup> /h H <sub>2</sub> 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

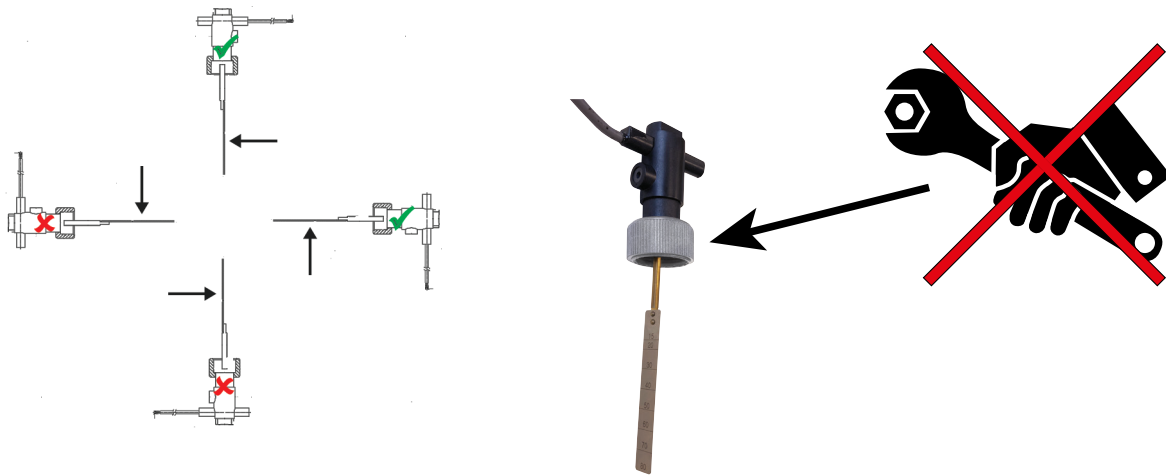
# FLUS001



## ■ Electrical wirings



## ■ Installation



## ■ Dimensions (mm)

