

## Flow Switch with Micro Switch

A micro switch used as the sensing element allows a higher electrical switching capacity than the reed switch. The resetting force required by the paddle system is produced by a leaf spring.

The following versions are available:

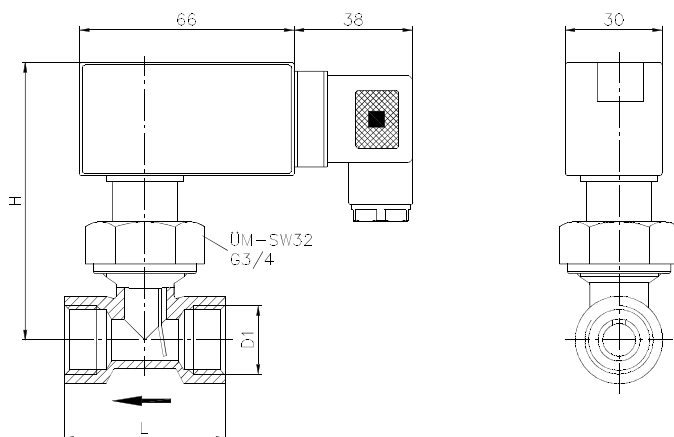
- With pipe section, female thread, DN 10 to DN 50
- With pipe section, male thread, DN 15 only
- Insertion type for direct installation using soldering nipple on request

Standard material is brass.

Stainless steel version as an option.

### Technical data

Max. working pressure	25 bar
Max. medium temperature	100 °C
Protection class	IP 65
Contact	Change-over contact
Max. switching current	5 A
Max. switching voltage	250 VAC
Max. rating	1250 VA
Setpoint tolerance	±15 %
Setpoint hysteresis	10...30 %
Max. pressure drop at max. flow	approx. 0,01 bar



Type/ Order code	Size	Process connection	Setpoint ranges (H <sub>2</sub> O, 20 °C) for decreasing flow [l/min]	max. flow rate H <sub>2</sub> O [l/min]	Dimensions [mm]	
					L	H
VH 010 I	DN 10	3/8" BSP	4,0...5,0	10	50	85,5
VH 015 I	DN 15	1/2" BSP	5,0...6,0	20	50	85,5
VH 015 A	DN 15	1/2" BSP (male)	4,0...5,0	20	60	85,5
VH 020 I	DN 20	3/4" BSP	8,0...10,0	40	50	88,0
VH 025 I	DN 25	1" BSP	17,0...20,0	60	50	92,5
VH 032 I	DN 32	1 1/4" BSP	24,0...28,0	100	50	95,0
VH 040 I	DN 40	1 1/2" BSP	43,0...50,0	150	50	97,5
VH 050 I	DN 50	2" BSP	69,0...83,0	250	50	108,0