




# Paddle Flow Switches for liquids

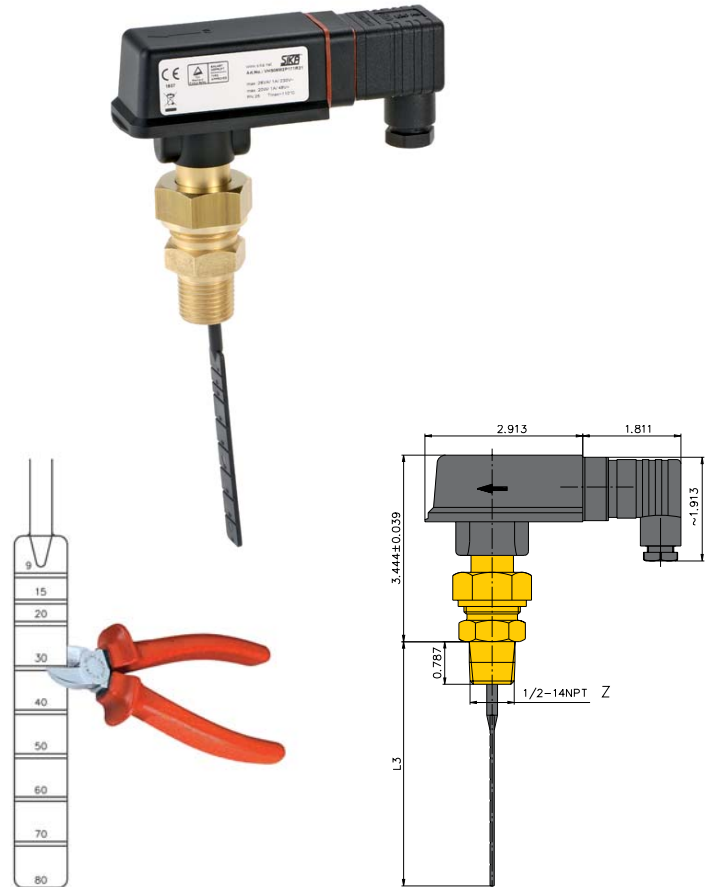
## Series VHS 06 MK



- One flow switch for a wide range of pipe sizes
- Paddle trimmable to adapt to different pipe sizes
- Insertion into Tee-pieces ( $\frac{3}{4}$ "...2") or insertion into pipes with  $\frac{1}{2}$ " BSP nipple (1 $\frac{1}{2}$ "...8")

### Technical data

Max. pressure rating	365 psi
Max. medium temp.	230 °F
Max. ambient temp.	176 °F
Protection class	IP 65
Max. switching current	1 A
Max. switching voltage	230 VAC, 48 VDC
Max. switching rating	26 VA, 20 W
Setpoint tolerance	±15 %
Materials - body - paddle system	Brass PPO NORYL GFN3
Electrical connection - Standard - Option  - Option	- Plug connector EN 175301-803-A - Plug connector EN 175301-803-A (2 LED) - 4-pin sensor plug M12x1
Approvals	  



### Set point ranges and paddle length

Pipe size	Paddle to be trimmed to			Set point [GPM]		Q max [GPM]
	Paddle marks	Dimensions	Laid length L3	increasing flow	decreasing flow	
$\frac{3}{4}$ " *	9	0.5 x 0.4 Inch	1.6 Inch	4.7	4.0	17.6
1" *	15	0.5 x 0.6 Inch	1.9 Inch	5.7	4.9	22
1 $\frac{1}{4}$ " *	20	0.5 x 0.8 Inch	2.1 Inch	8.4	7.1	35.2
1 $\frac{1}{2}$ " *	30	0.5 x 1.2 Inch	2.5 Inch	9.3	7.9	4.4
2" *	40	0.5 x 1.6 Inch	2.9 Inch	11.9	10.6	61.6
2 $\frac{1}{2}$ " **	60	0.5 x 2.4 Inch	3.7 Inch	22.5	20.7	132
4" **	80 (not trimmed)	0.5 x 3.2 Inch	4.5 Inch	28.2	25.5	176
6" **	80 (not trimmed)	0.5 x 3.2 Inch	4.5 Inch	68.2	62.5	440
8" **	80 (not trimmed)	0.5 x 3.2 Inch	4.5 Inch	132	127.6	792

\* installation into Tee-pieces acc. EN 10242

\*\* installation with soldering nipple acc. EN 10241, thread connection  $\frac{1}{2}$ " BSP female, length 15 mm

Subject to technical modification

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