



Paddle Flow Switch VH 780

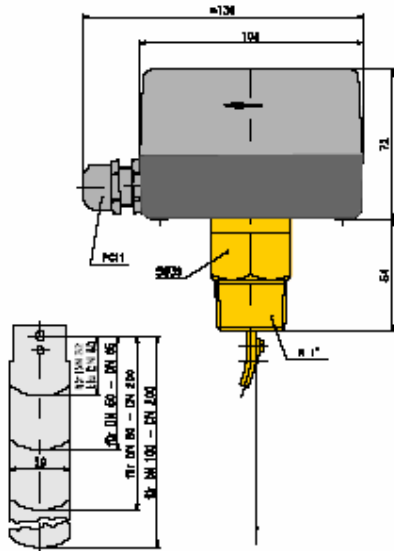




Flow Switch

Consistent performance – robust – universally insertable

Paddle-Flow Switch VH 780 for Liquids



- Easy installation through direct installation into existing pipe
- One unit useable for a wide range of pipe sizes (diameter 32...200)
- Two versions (set point ranges)
- Adjustable set point
- Mirco switch for high contact rating
- Max. pressure rating 20 bar (st steel)
- Max. pressure rating 11 bar (brass)

Set point ranges and technical data

Pipe size	Target plate to select*	Set point ranges H ₂ O (m ³ /h)*			
		ON		OFF	
		VH 780 NI	VH 780 NIF	VH 780 NI	VH 780 NIF
DN 32	29×34	1,3 ... 3,0	0,9 ... 1,6	0,8 ... 2,8	0,25 ... 1,4
DN 40	29×34	1,7 ... 4,0	1,2 ... 2,2	1,1 ... 3,7	0,5 ... 1,9
DN 50	29×60	3,1 ... 6,1	2,3 ... 4,1	2,2 ... 5,7	0,9 ... 3,6
DN 65	29×60	4,0 ... 7,0	3,1 ... 5,5	2,7 ... 6,5	1,2 ... 4,9
DN 80	29×89	6,2 ... 11,4	4,9 ... 8,2	4,3 ... 10,7	2,1 ... 7,4
DN 100	29×167, shortened	8,0 ... 18,4	7,7 ... 13,0	6,1 ... 17,3	3,3 ... 11,6
DN 125	29×167, shortened	12,9 ... 26,8	11,5 ... 19,6	9,3 ... 25,2	5,0 ... 17,5
DN 150	29×167, shortened	16,8 ... 32,7	14,1 ... 23,9	12,3 ... 30,6	6,1 ... 21,4
DN 200	29×167	46,1 ... 94,2	36,5 ... 61,8	38,6 ... 90,8	21,7 ... 55,3

* Higher set points selectable by use of smaller paddle sizes.

Technical data	
Max. pressure rating	11 bar (brass) 20 bar (st steel)
Max. medium temperature	120°C
Max. ambient temperature	85°C
Change over contact max. contact rating	250 VAC, max. 15 A, 8 A inductive load
Protection class	IP 65

Material	Set point	Order code
Brass	Standard	VH 780 NI
	Low	VH 780 NIF
Stainless steel	Standard	VH 780 EI
	Low	VH 780 EIF