

## VH500 // for insertion installation



VH500

### Your advantages

Series	VH500
	<ul style="list-style-type: none"> <li>• DNV GL type approval</li> <li>• Suitable for water, oil, etc.</li> <li>• Adjustable for pipe size and setpoint by paddle size selection</li> <li>• Insertion installation into pipes or pipe tees DN 25...DN 50</li> <li>• High switching currents → Microswitch is used as switching element</li> <li>• Vibration-resistant up to 4 g</li> </ul>

### Technical data

Switching function	Change over contact
Pressure rating (Test pressure)	Max. 6 bar (10 bar) or max. 10 bar (15 bar)

### Temperatures

Medium	Max. 100 °C
Ambient	Max. 85 °C

### Electrical data

Max. contact rating	24 VDC, 5 A resistive load 4 A inductive load 60 VDC, 1 A resistive load 0.5 A inductive load 250 VAC, 10 A resistive load 10 A inductive load
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Degree of protection EN 60529	IP54
Protection class EN 60730-1	Class I

### Approvals



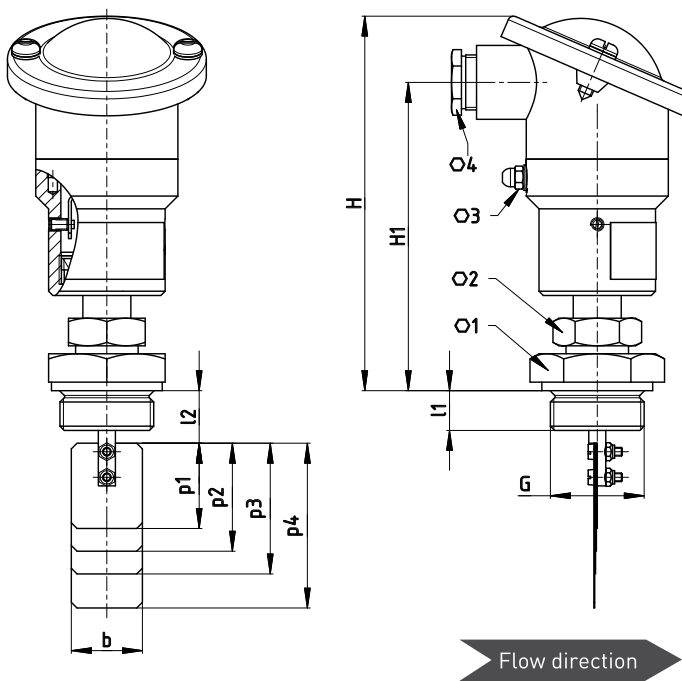
DNV GL type approval  
Certificate No. TA000011M and 9497010 HH

Size of pipe tee	Paddle to select**	Set point ranges [m³/h]*	
		Increasing flow ON	Decreasing flow OFF
DN 25	25 x 30 mm	1.0...1.25	1.05...1.2
DN 32	25 x 38 mm	1.7...2.05	1.6...1.95
DN 40	25 x 46 mm	2.2...2.55	2.1...2.45
DN 50	25 x 58 mm	3.25...3.85	3.15...3.75

\* Water, 20 °C, horizontal pipe, tolerance ±15 %

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

Set points for bigger pipe sizes on request



**Materials in contact with fluid**

Body, process connection	Brass 2.0401
Bellow system	Stainless steel 1.4571
Paddles	Stainless steel 1.4310
Flat gasket	HD 300
O-ring	NBR

Dimensions [mm]	H	H <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	G	b	Paddle length				Width across flats			
							p <sub>1</sub>	p <sub>2</sub>	p <sub>3</sub>	p <sub>4</sub>	○1	○2	○3	○4
VH500	135	110	14	18.5	M33 x 2 or G 1	25	30	38	46	58	41	27	7	22

Order code		
<b>Type</b>		
VH500		VH500
<b>Pressure rating</b>		
6 bar		N
10 bar		R
<b>Process connection</b>		
G1		I3451R41
M33 x 2		M3451M41
<b>Example order number</b>	<b>VH500</b>	<b>N I3451R41</b>