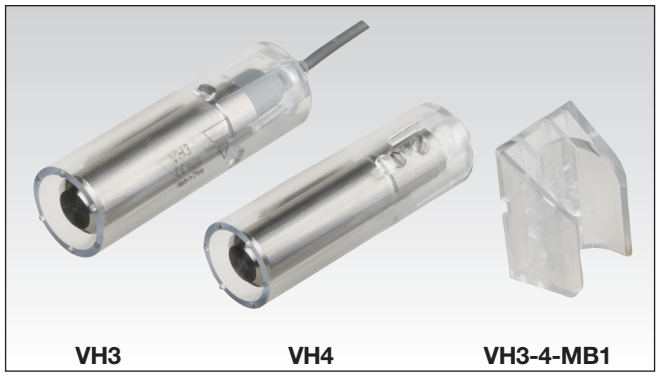
Conductive Sensors
Level Hanging Probes
Types VH3, VH4



- **Electrodes for swimming pools, wells and reservoirs**
- **VH3: Resistant to high levels of chlorine and salt water with a high level of salinity**
- **VH4: Simple and easy to install level probes for general use. With double screw terminal for secure cable connection**
- **Can be used outdoors under sunlight**
- **Without (VH4) or with (VH3) 6m UV resistant PVC cable.**
- **Snap-on bracket for easy and secure installation**

Product Description

VH3 is a level hanging probe specifically designed to be used in swimming pools and resists high chlorine and high salinity sea water. It is also suitable to be used in wells, reservoirs and tanks.
VH4 is a simple and easy to install level probe for general use.
VH3-4-MB1 Snap-on brackets for easy and secure installation. For use with the level amplifier CLD/CLP series.

Ordering Key

VH 3

Type

Type Selection

Cable	Ordering no. 1 electrode	Ordering no. Snap-on bracket
6m cable	**VH 3**	
No cable	**VH 4**	
		VH3-4-MB1*

* Bracket to be purchased separately. Bracket only for VH3 and VH4.

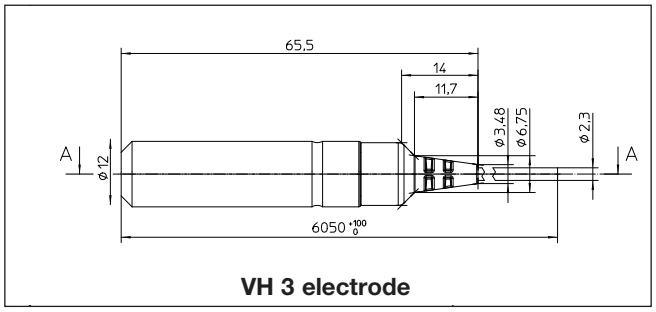
Specifications

Electrodes	
VH3	Stainless steel AISI316
VH4	Stainless steel AISI304
Housing	
Material	
VH3 over mould	PA6
VH3, VH4 Cover	Polycarbonate
VH3-4-MB1 Bracket	Polycarbonate
Dimensions	
VH3 electrode	Ø 12 x 65.5 mm
VH4 electrode	Ø 12 x 52 mm
Cover	Ø 19 x 65 mm
Connection	
VH3	Cable 6m, 1 x 1.5 mm^2, UV resistant PVC
VH4	Screw terminal VH4 M4 x 6mm pinol screw stainless steel AISI304
Tightening torque	min/max 0.4Nm/0.8Nm
VH3-4-MB1	DIN85 M4 Pan head screw
Recommended VH4 cable cross section	Min. 1 x 0.75 mm^2, Max. 1 x 2.5 mm^2
Outer diameter	Max. Ø 4 mm

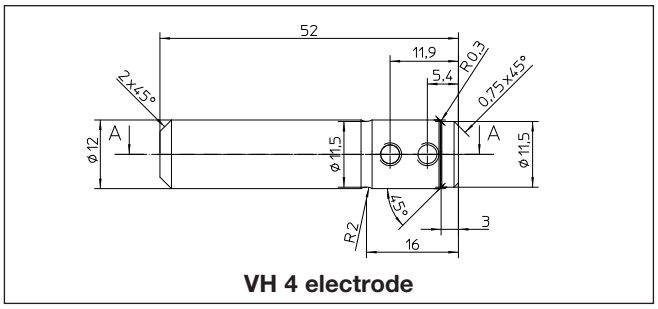
Weight	
VH3 with cable	182 g
VH4	50 g
Cover	10 g
VH3-4-MB1	10 g
Environment	
Degree of protection	
VH3	IP67 (IEC 60529)
Operating temperature	
VH3, VH4	0°C to +80°C
Storage temperature	
VH3, VH4	-25°C to +80°C
Vibration	10-150 Hz, 1mm/7.5 g IEC 60068-2-6)
Rough handling	2 x 1 m & 100 x 0.5 m (IEC 60068-2-31)
Shock	11 ms x 30 g (IEC 60068-2-27)
Approvals	CE marking: EN 60947-1 RoHS

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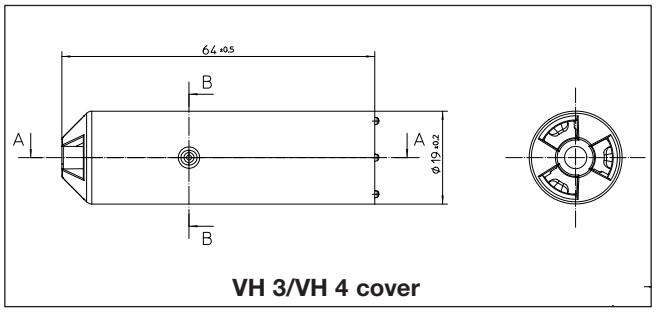
Dimensions



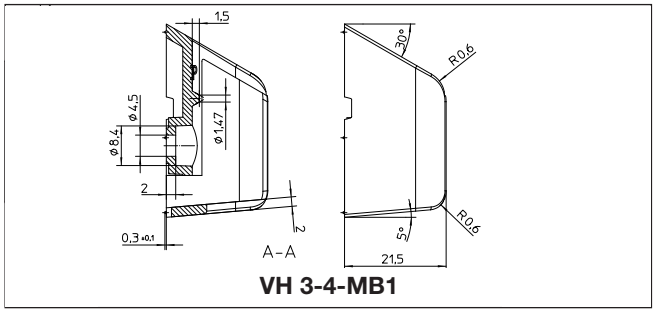
VH 3 electrode



VH 4 electrode

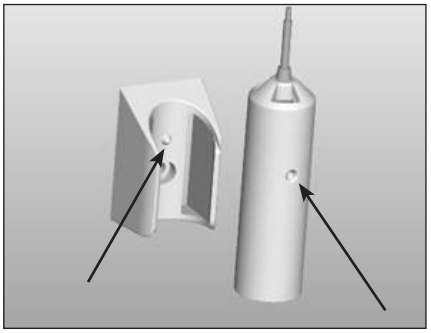


VH 3/VH 4 cover

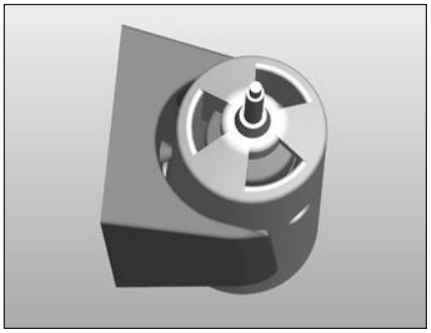


VH 3-4-MB1

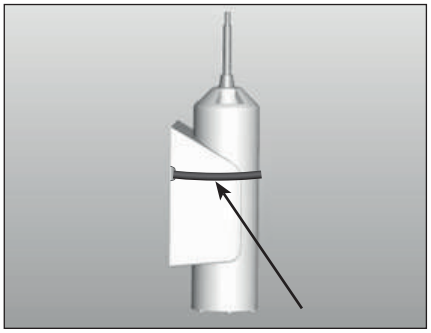
Installation Hints



Step 1
Align the probe to the positioning pin of the bracket. Clamp the probe firmly in place.

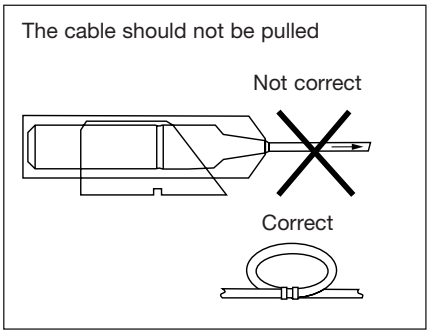


Step 2
A misalignment of the pin and the blind hole prevents proper installation of the probe.



Step 3
Once the probe is snapped into the bracket, you can secure it with a cable tie around the recess on the rear of the bracket.

Relief of the cable strain



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