Conductive Sensors Level Hanging Probes CARLO GAVAZZI 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 (E VH3 VH3-4-MB1 VH4 **Product Description** Ordering Key **VH 3** VH3 is a level hanging probe install level probe for general Туре specifically designed to be use. used in swimming pools and VH3-4-MB1 Snap-on brackresists high chlorine and high ets for easy and secure installation. For use with salinity sea water. It is also suitable to be used in wells, the level amplifier CLD/CLP reservoirs and tanks. series. VH4 is a simple and easy to Type Selection Cable Ordering no. Ordering no. 1 electrode 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** Weight Electrodes VH3 Stainless steel AISI316 VH3 with cable 182 g VH4 Stainless steel AISI304 VH4 50 g 10 g Cover Housing VH3-4-MB1 10 g Material VH3 over mould PA6 Environment VH3, VH4 Cover Polycarbonate Degree of protection VH3 IP67 (IEC 60529) VH3-4-MB1 Bracket Polycarbonate Dimensions Operating temperature VH3 electrode Ø 12 x 65.5 mm VH3, VH4 0°C to +80°C VH4 electrode Ø 12 x 52 mm Storage temperature Cover Ø 19 x 65 mm Connection VH3, VH4 -25°C to +80°C VH3 Cable 6m, 1 x 1.5 mm², Vibration 10-150 Hz, 1mm/7.5 g UV resistant PVC IEC 60068-2-6) VH4 Screw terminal VH4 Rough handling 2 x 1 m & 100 x 0.5 m M4 x 6mm pinol screw (IEC 60068-2-31) stainless steel AISI304

Shock

Approvals

Tightening torque min/max 0.4Nm/0.8Nm VH3-4-MB1 DIN85 M4 Pan head screw Recommended VH4 cable Min. 1 x 0.75 mm², cross section Max. 1 x 2.5 mm² Outer diameter

Specifications are subject to change without notice (30.09.2016)

Max. Ø 4 mm

11 ms x 30 g (IEC 60068-2-27)

CE marking: EN 60947-1

RoHS

CARLO GAVAZZI

Dimensions



Installation Hints



Step 1

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

Relief of the cable strain





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.