

INSTRUCTION MANUAL

HydroCer

DESCRIPTION

The HydroCER is a hydrostatic level transmitter based upon a capacitance ceramic sensor, with a very high burst pressure. The amplifier system is based on a microprocessor, which ensures a perfect linearity in the 4-20 mA output.

The compact electronics are placed in a "Stainless Steel" housing which can be installed by means of a wall mounting bracket (SS 316).

The ceramic sensor is sealed with an O-ring (material: VITON). Other materials are available on request.

The standard cable length is 3 meters. Other lengths up to a maximum of 80 meters should be specified when ordering.

WARNING:

Before installing the HydroCER, read the warnings and advises on page 3. For personal and system safety, and for optimum performance, make sure you thoroughly understand the contents before installing



ADVISES and WARNINGS:

We herewith give a list of some advisements and warnings concerning the application and installation of the electronic level transmitters, the HydroCER:

- * **Check if the specifications of the HydroCER meet the needs of the processconditions.**
- * **To achieve the most accurate measurement with the HydroCER, be aware of the place where the transmitter is mounted. Here are some advises:**
 1. **Don't mount a level transmitter in- or near filling or discharging pipes.**
 2. **In case of automatic cleaning systems or hand cleaning: never point the water jets on the diaphragm, take necessary steps to avoid this.
Guarantee will not be granted.**
- * **The diaphragm of the HydroCER is protected with a special protection cap. Prevent damaging of the diaphragm. Guarantee will not be granted.**
- * **Avoid high pressure water-jets pointed at the venting.**
- * **WARRANTY: The warranty is 1 year after delivery.
Klay Instruments B.V. does not accept liability for consequential damage of any kind due to use or misuse of the HYDROBAR. Warranty will be given, to be decided by the manufacturer. Transmitter must be shipped free of charge to the factory on manufacturer's authorization.**
- * **NOTE: Klay Instruments B.V. reserves the right to change its specifications at any time, without notice. Klay Instruments B.V. is not an expert in the customer's process (technical field) and therefore does not warrant the suitability of its product for the application selected by the customer.**
- * **CE-rules:
All our transmitters are manufactured according to the CE-rules. All transmitters are standard equipped with RFI filters. The influence on Radio Frequency Interference between 10 MHz to 10 GHz is neglectable.**

Manufacturer

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