

Acid Proof Resistance Sensor W-E-x-HST-CLAMP/51-30/1000-4-A-yy-HD

Installation instructions W-E-x-HST-...-HD

Sensor type W-E-x-HST-...-HD should be installed in minimum 30 degree slope position as presented in images below. This is required to avoid dirt collection on top of the sensor head, to avoid stagnant water pools and to allow fluids to drain quickly. The EHEDG certification is only valid when the sensors are mounted in EHEDG approved process connections according to EHEDG requirements (EHEDG guideline 37 “Hygienic Design and Application of Sensors”).



Cleaning instructions W-E-x-HST-...-HD

Sensor Design

Metal parts are made of acid proof stainless steel AISI 316L. This material is well suited to any cleaning processes. Construction can be realized as IP 68 ingress protected version, which can be used also in areas of moisture and water splatter.

Cleaning processes can be applied according to gasket materials mentioned below. These materials have high chemical and thermal stability against commonly used detergents and disinfectants during cleaning processes.

Material of gaskets

Process entry: Aramide Fibre, NBR, Gasket material with good chemical and mechanical properties, resistance to oil, fuels and cooling liquids.

Lid O-ring: Tefabloc TOA 421 53A, Gasket material with good chemical and mechanical properties, resistance to oil, fuels, weak alkali lyes and weak acids.

Cable gland: SKINTOP® HYGIENIC, Body material: Acid proof stainless steel V4A (1.4404 / 316L), Sealing material: Special elastomer, IP 68 - 10 bar / IP 69K, EHEDG (Type EI Class 1 AUX) certified.

