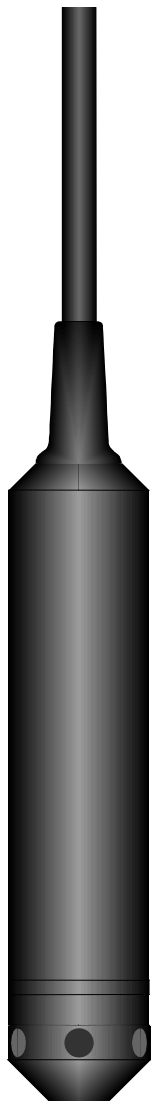


Serial n° :
Nominal range :
Cable length : 10 meters +



GENERAL FEATURES

Level measurement, control and process for waste water (for example chlorine, acid, ...) The compatibility is depend of the liquid in contact with : PTFE, PVC, and Polyurethan and polyolefine.

TECHNICAL PRINCIPLE

The level measurement is performed through the differential pressure measurement between liquid surface and the submersible sensor. The pressure is converted into electric signal by piezo-electric gauge to provide a 4/20mA output signal on 2 wires

MECHANICAL SPECIFICATIONS

Housing : Metal tube with polyolefine coated
Head cap : PTFE anti-adherent
Cable : 2 wires + internal tube in shielded FEP cable
Sensor : Stainless steel piezo-resistive gauge with polyurethan membran cover

Diameter : 30 mm
Height : 160 mm (without cable)
Weight : 370 g (without cable) *Supplied normally with 10 meters of shielded cable (475 g) or more upon request*

Fitting : by the suspension cable supplied with a hanging system KITCAB

ELECTRICAL SPECIFICATIONS

Output signal : 4/20mA output signal on 2 loop wires, 4mA for 0m and 20mA for the full-scale

Power supply : Voltage supply between 6 to 38 volts DC input. *(Don't forget to integrate the voltage drop-out in the current loop)*
Check the voltage specification of the protector unit

EMC Conformity : EN 50 081-2, EN 50 082-2

Consumption : the signal value (mA)

TECHNICAL DATA

Water column range : Full-scale (F.S.) between 0,5 m to 20 m. *(Full-scale 20mA adjusted to the required value by Hitec)*

Equivalent pressure : 0,05 to 2 bars. $P(\text{bars}) = H(\text{meters}) / 10.197$

Hysteresis : 0,10 % F.S. *(constant temperature).*

Non-linearity : 0,15 % F.S. *(constant temperature).*

Temperature operating range : from 2°C to 45° Celsius