

## HYDROSTATIC SINKABLE SENSOR MODEL



### USE

- HDS is an optimized sensor for liquids level measurement in tanks and drilling wells from 0.3 to 140 meters.
- It can be used both in drinking water and sewage disposal systems.
- Use in aggressive liquids (sea water, high or low pH values ...) does not cause major problems.

### EFFICIENT

- Piezo-resistive technology combined with high-quality electronics provide very attractive performances from a technical and financial point of view.

### ROBUST AND GUARANTEED

- Lightning protection and robustness are HDS's key features.
- Full 2-years INNESYS guarantee.

### EVOLUTIVE

- Measure scale and cable can be changed in factory.



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### **TYPICAL CHARACTERISTICS**

- Measurement range : from 0.3 metres to 140 metres full scale.
- Signal output : 4 – 20 mA via 2 wires
- Power supply : from 8 to 38 V DC
- Temperature derivation :  $\pm 0.012\%$  of full scale per  $^{\circ}\text{C}$ .
- Sensitivity :  $\pm 0.05\%$  of full scale.
- Linearity :  $\pm 0.25\%$  of full scale.
- Repeatability and hysteresis :  $\pm 0.2\%$  of full scale.
- Calibration temperature :  $10^{\circ}\text{C}$ , and on request up to  $50^{\circ}\text{C}$ .
- Dimensions : diameter 21mm, length 230mm.
- Weight : 300g
- Material : 316 L stainless steel.
- Cable : polyethylene equipped with a Kevlar supporting cord.
- Storage temperature : Mini  $-10^{\circ}\text{C}$  and protected against frost after first utilisation.
- Maxi  $+80^{\circ}\text{C}$ .