# **Mounting of Measure Probe:**

## **TDS-xxx** series

In German / Deutsch: www.tecson.de/files/tecson/pdf-docs/instsond de.pdf

#### In General:

Mounting of the measure probe in oil tanks should be performed by qualified persons only, in particular when the tank is a sub-grounded tank or outdoor tank.

The probe cable is in standard 6 meters long. It has + (red) and . (black) to be connected to a 4. 20 mA measure input. Extension up to 100 meters and more is possible, e.g. using 2 x 0,4 mm<sup>2</sup> wire. For instance telephone cable can be used. In case of electrical disturbance by other electrical cables a shielded cable should be used, with shielding connected to ground.

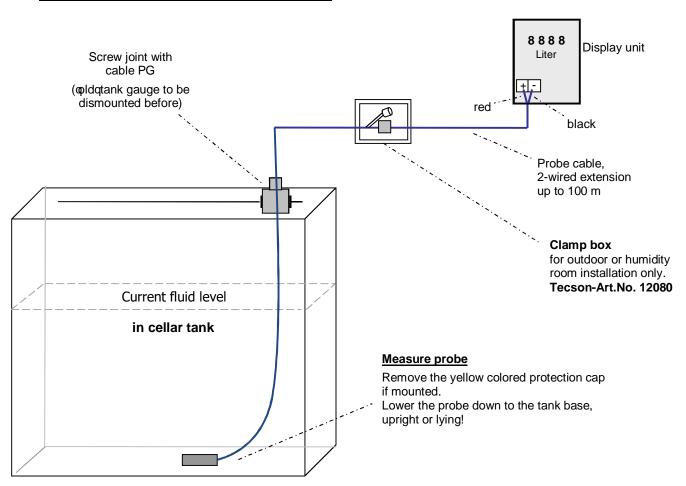
Beside the red and black wire the probe cable has a ventilation capillary with a small filter. For outdoor cable extension use the special clamp box (Tecson Art.No. 12080) which is ventilated but keeps dry.

In case of a replacing a defective or older measure probe and the display unit has been trimmed before, then perform a Reset to origin setupqAfter that you have to re-setup the device setting.

The probe should touch the tank ground (ref. image). The measure probe may be positioned standing <u>upright</u> or may be positioned lying.

Protection cap at probes head: When the probe as a yellow protection cap then remove the cap before installing.

### Probe mounting at cellar tank (steel tank):

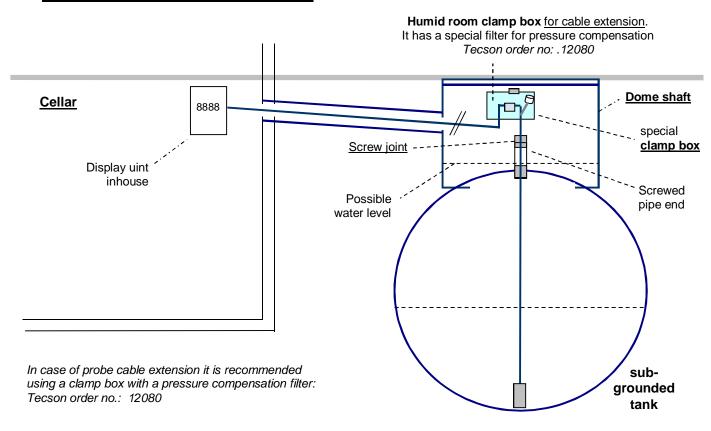


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### Probe mounting at sub-grounded tank:



### **Mounting at plastic tanks:**

