

Mounting the measure probe TDS-61xx - TDS-91xx

Generally:

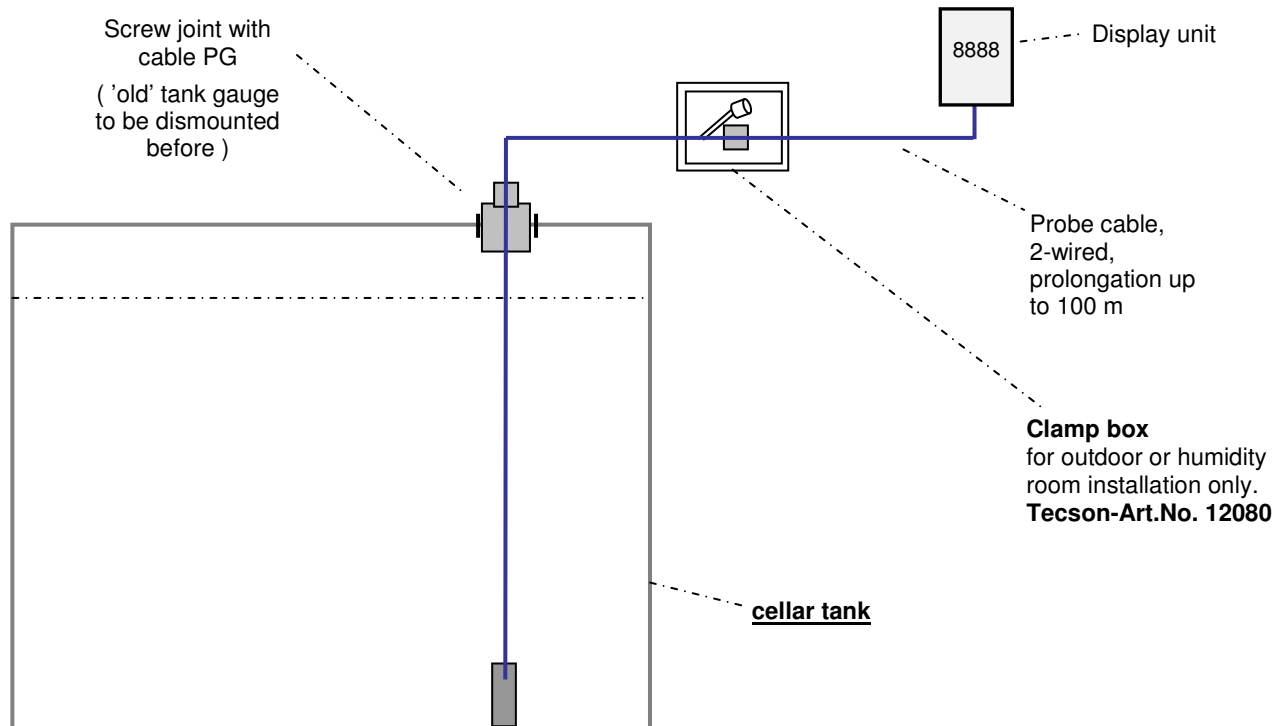
Mounting of the measure probe in oil tanks should be performed by qualified persons only, in particular when the tank is a sub-grounded tank or outdoor tank.

The probe cable is in standard 6 meters long. It has + (red) and – (black) to be connected to a 4 – 20 mA measure input. Prolongation up to 100 meters and more is possible, e.g. using 2 x 0,4 mm² wire. For instance telefon 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 prolongation use the special clamp box (Tecson Art.No. 12080) which is ventilated but dry.

After zero point calibration at older display units only, lower to probe to the tank base.
The probe should touch the tank ground (ref. image).
It may be positioned standing upright or may be positioned lying.

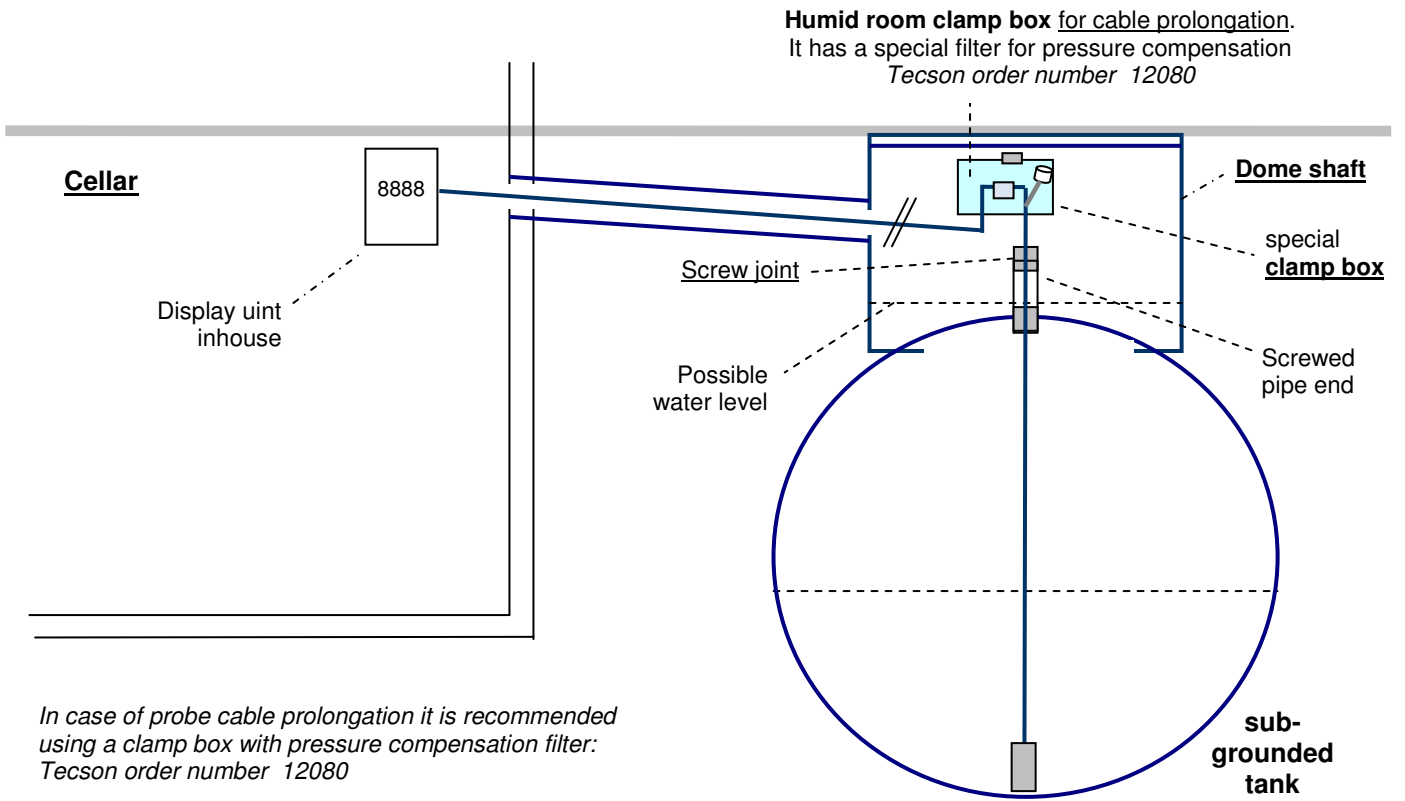
Probe mounting at cellar tank (steel tank):



Scope of delivery of the level display system:

- the display unit
- the measure probe
- and the screw joint for 1" resp. 1½".

Probe mounting at sub-grounded tank:



Mounting at plastic tanks:

