

Mounting of level measurement probes in containers:

- The installation of the submersible level probe in oil tanks should be carried out by a qualified technician. This applies in particular to installation in underground or outdoor tanks (§ 19 I WHG - German Water Resources Act).
- The probe connection cable of the standard probe has a length of 6 m. The two connecting wires red (+) and black (-) can be electrically extended to 100 m or more, e.g. with $\geq 2 \times 0.5 \text{ mm}^2$ or e.g. signal cable. If electrical power cables with interference potential run parallel, a shielded cable must be used for the extension and the cable shield must be connected to ground potential.
- The probe cable also contains an air capillary with a moisture protection filter. The air pressure equalization of the measuring cell must be ensured. The cable installation must be carried out in such a way that no moisture can enter the cable end, but pressure equalization is functional. For outdoor and humid environments, the specific junction box Art. 12080 is recommended for cable extension.
- During installation, sink-down the tank level probe completely to the bottom of the tank. Alternatively, the probe can hang vertically from the probe cable, shortly above the tank bottom. It is often better to position the measuring probe lying on the tank bottom by pushing-in some cable length.
- **Prot. cap of the probe:** For level probes with a yellow protective cap, remove this before installation!
Handle with care: The measuring cell is sensitive. Therefore, do not subject the probe to any hard impact.

Installation in a cellar tank (steel tank):



