

Connection of the PT-1000 at the Temperature Measuring Adaptor in an LX Displaying Device

Plug the temperature measuring adaptor in the plug-in position of the displaying device and fix it to the retaining bolt with an M3 screw.

Connection:

- The connection is made by a 2-wire connection line with a low resistance.

The two circuit points of the PT-1000 have to be connected with **blue** to clamp 1 (left) and **white** to clamp 3 (right). Normally clamp 2 in the middle remains vacant.

Cable length:

- Cable length: 1,5m
In case of a cable extension the cable resistance has to be kept low for the temperature measurement signal. A cable resistance of 4 would cause the temperature display to indicate more than a degree too much.
- Do not use a wire diameter that is too small. Recommended is e.g. 3 x 1.5 mm².
- If in the connection line a vacant wire is available it can additionally be connected parallel with **yellow** to clamp 2 (middle).

Displayed values:

- The value display of the LX displaying device operates alternating: 8 sec filling level display, then 1 sec temperature display. The temperature measurement refers to tank 1.
- The display covers a value range from -50°C to +120° C.

