

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 to clamp 1 (left) and clamp 3 (right).
The clamp in the middle remains vacant.

Cable length:

- In case of a cable extension the cable resistance has to be kept low for the temperature measurement signal. A cable resistance of 4 Ohm would cause the temperature display to indicate more than a degree too much.
- Do not use a wire cross-section 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.

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°.

