akribis

USER GUIDE

TEx LL

Produal

Distributed by AKRIBIS

This user guide is for devices with the software version 1.1.1 or newer.

COMPATIBLE PRODUCS

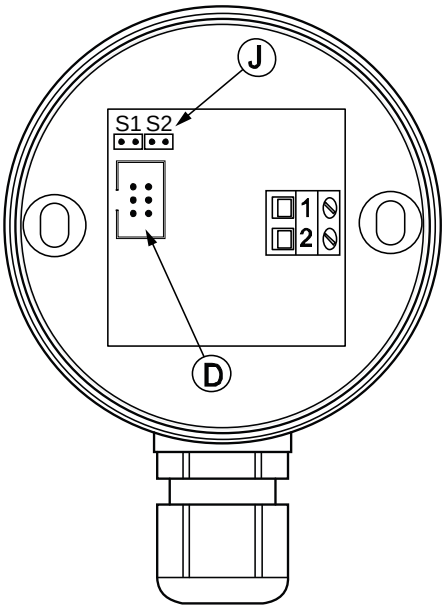
TEAT LL	TEK LL
TEKA LL	TEKA LL-500
TEKV LL	TEP LL
TENA LL	

WIRING



Device wiring and commissioning can only be carried out by qualified professionals. Always make the wirings while the power is switched off.

The device should be fitted in place cable entry or stem downwards, so that moisture and water will get out of the housing freely.



1 +(-) temperature signal or controller 4…20 mA
2 -(+) temperature signal or controller 4…20 mA
D connector for cover display / ML-SER tool
J temperature measurement range selection (S1 & S2)

SELECTING MEASURING RANGE

Measuring range can be selected with the jumpers S1 and S2:

0…+50 °C	*0…+100°C	-50…+50 °C	-50…+150°C
S1 S2	S1 S2	S1 S2	S1 S2

* Factory setting.

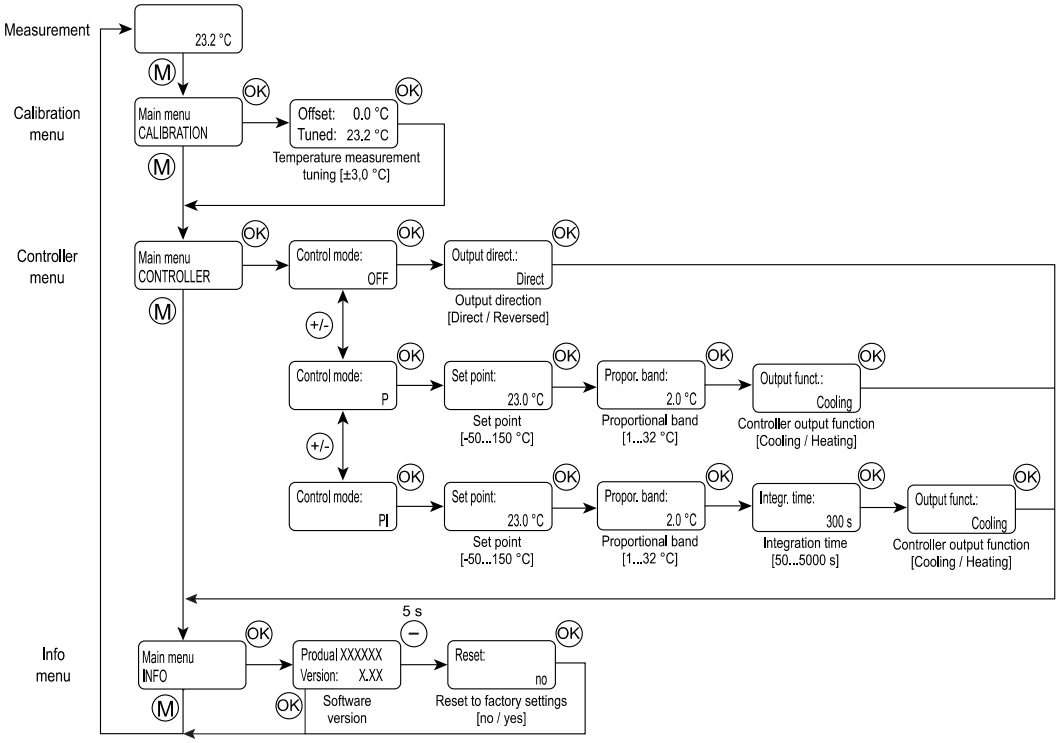
Corresponding signal values at different measurement value range are:

0…+50 °C	0…+100 °C	-50…+50 °C	-50…+150 °C	Signal
0 °C	0 °C	-50 °C	-50 °C	4 mA
25 °C	50 °C	0 °C	50 °C	12 mA
50 °C	100 °C	50 °C	150 °C	20 mA

ML-SER MENU

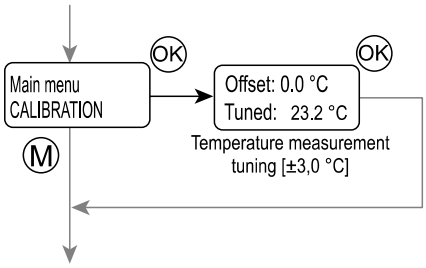
The transmitter settings can be changed by using the ML-SER tool. You can proceed in the menu by pressing the M and OK buttons. The values can be changed with the ”+” and ”-” buttons. The value is accepted with the OK button. The following menu structure contains the factory settings.

NOTE: When ML-SER is connected to the device, the loop current output is not valid. The device returns to normal operation after the ML-SER is disconnected.



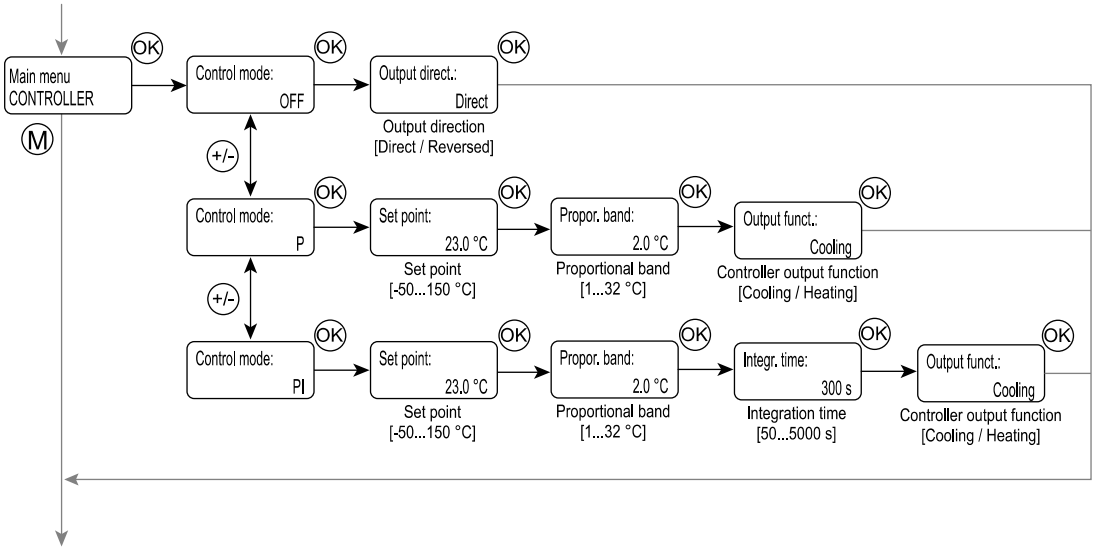
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Calibration menu



The temperature measurement can be tuned through the calibration menu. The temperature value can be adjusted by 0,1 °C steps. ML-SER tool display shows the tuned value.

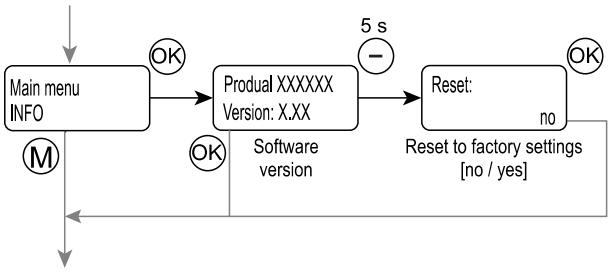
Controller menu



In controller menu the temperature output can be changed to controller output. You can also change the controller settings in the menu.

When the controller is not used the output direction can be selected via the controller menu.

Info menu



The info menu can be used for checking the software version, and resetting to the factory settings.

Resetting to the factory settings

1. Press the "-" button for five seconds in the *Software version* display.
2. Change the resetting dialog answer to "yes".
3. Press OK button.

   The factory settings are now reset.