_____

TFT- displays from KFM- series 803 and 903 can be changed or completely new designed with this program.

Every retrievable value in the device can be placed at any position and designed freely across the individual pages. In addition, there are texts and graphical symbols in various form and color. It is also possible to import whole bitmap-, JPEG-, PNG- or GIF-files, for example company logos or pictures.

Beside the start page and the existing logger- and binary message page another logger page and a maximum of 5 free pages can be set additionally, to which can be page turned at the device. Also, pages can be deleted again and changed in their order.

The configuration can be saved as a file, that is easily taken over to devices of the same kind later or serve as a basis for customization for different devices.

Hint:

Alternatively, individual configurations can be supplied ex work at extra cost.

_____

General:

A three- part editing window is opened with a central display field for the display to be processed, on the left there is a list (toolbox) with the available elements, which can be dragged into the display surface as well as a page index on the right side.

After starting the program, the display field and the page index are empty or show a preadjusted start file.

For communication the address Adresse 5 of the connected hardware must be entered in the toolbar. An automatic scan is started with the menu item „Settings" -> „Find device address..".

With the commands in the left area of the toolbar, a configuration (project) can be

- created new with the button 🗐 "*new project*"

- opened from the PC hard disc by using the button 📂 "*open project*"

- or saved on the PC hard disc by using the button 💾 "*save project" resp. "save as…*" 💾.

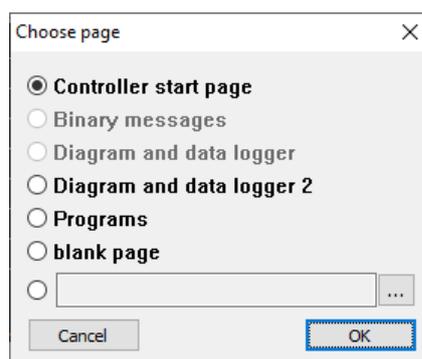Furthermore, it is possible from a connected device to

- read the TFT project from the device with the button 📠 "*receive project from controller*" or

- to transfer the project into the device with the button 📠 "*send project to controller*".

The start page of the project is shown on the display field at the program start. Optionally, it can be extended viewed 🔍 or be equipped with a grid ▦ using the respective commands located in the central area of the toolbar.

The page index displays a list of all project pages in the order they can be switched forward at the device using the arrow up button. This order can be changed and pages can be inserted or deleted 📄 ✖ with the respective commands in the right area of the toolbar.

Note: Drag the selected page with the left mouse button pressed to the desired position to change the page order.

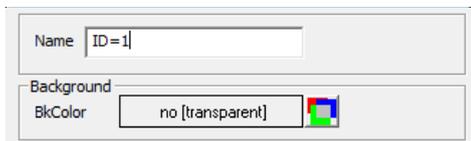When a new page is added, a window appears, in which the type of the page can be set.

Choose page — dialog:

- ⦿ **Controller start page**
- ○ Binary messages
- ○ Diagram and data logger
- ○ **Diagram and data logger 2**
- ○ **Programs**
- ○ **blank page**
- ○ [   ] ...
- [Cancel] [OK]

_____

The design of the individual display pages is done with the elements from the toolbox
(see page 3 - 4). A window appears with the symbol ↺, where can be adjusted whether and after
which time the display is switched back from the respective page to the controller start page.

The toolbox in the left area shows the different elements which can be dragged by the mouse to
the desired position in the display. In the opposite, elements can be deleted with a double click on
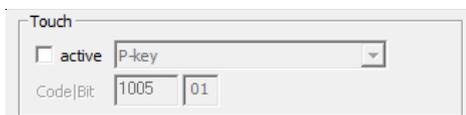the right mouse button.

The xy- coordinates, the size and the name of the marked element is displayed at the bottom of
the screen.

A double click of the right mouse button on the respective element opens a window, in which its
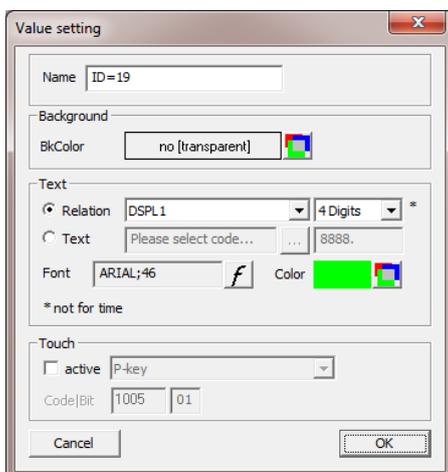necessary adjustments and assignments are made.

The description of the element within the project can be changed in the box "name" in the upper
part of each setting window, the color behind the element can be changed in the field
"background".

Optionally, a touch element with a certain button function can be activated for devices with touch
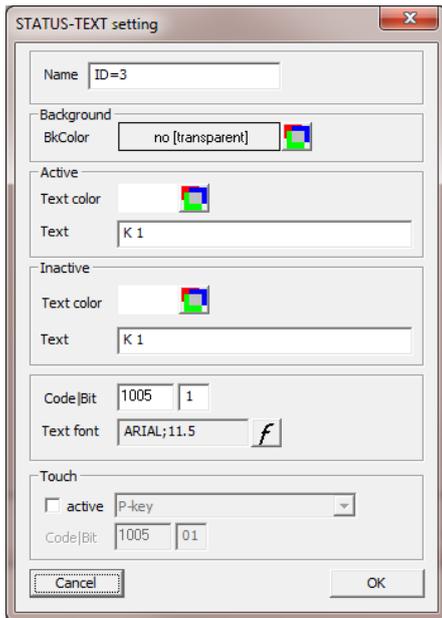display in the lower part of the setting window.

The elements in detail:

„VALUE SETTING":

Controller parameter DSPL1/ 2/ 3/ 4 is
choosable via dropdown- list for the value
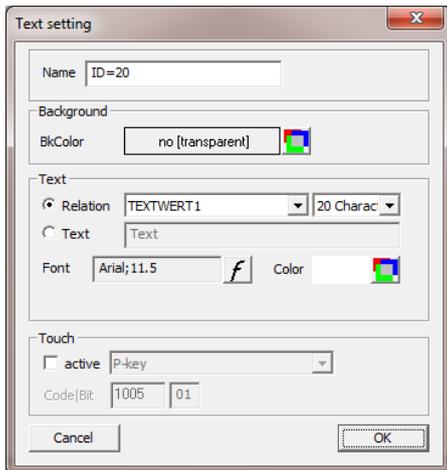display using the box "Text → Relation".

*The parameter DSPL1/ 2/ 3/ 4 can be
configured to setpoint- and actual values as
well as correcting variables in accordance to
the manual 903…*

A parameter for the value display can be
assigned permanently in the box
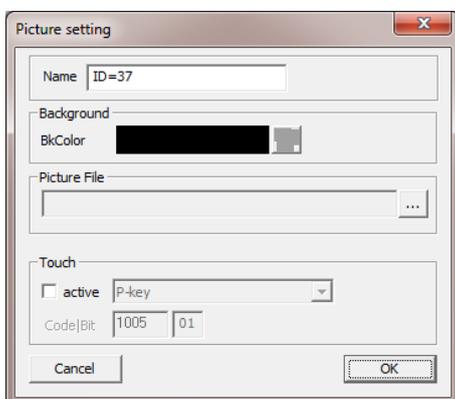"Text → Code".

_____

„LED":

Code and bit selection, for example code 1005 and bit 1 for relay K1. The LED- and text color as well as the text in the box "active LED" and "inactive LED" is displayed at the controller in accordance with the status.
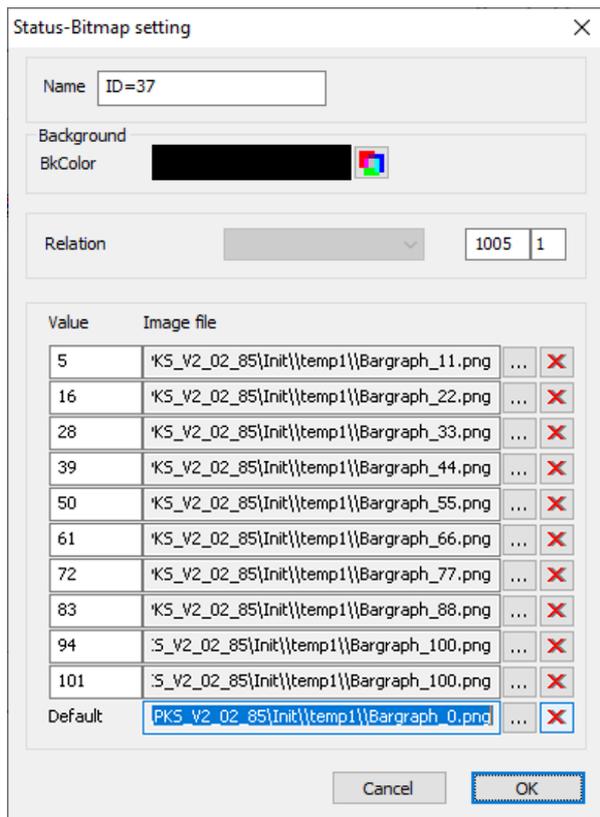

„TEXT":

The descriptive text (controller parameter text1/2…) for the text display is choosable via dropdown list in the box "Text → Relation". Alternatively, free texts can be set directly in the box
"Text → Text".

The parameter Text1/2… can be configured at the controller from a list with fixed texts, for example: SETPOINT, ACT.VALUE or SUPPLY etc. and one freely editable text in accordance to the manual 903…

„PICTURE SETTING":

A folder of a BMP-, JPEG-, PNG- oder GIF- file can be specified in the box "picture setting".
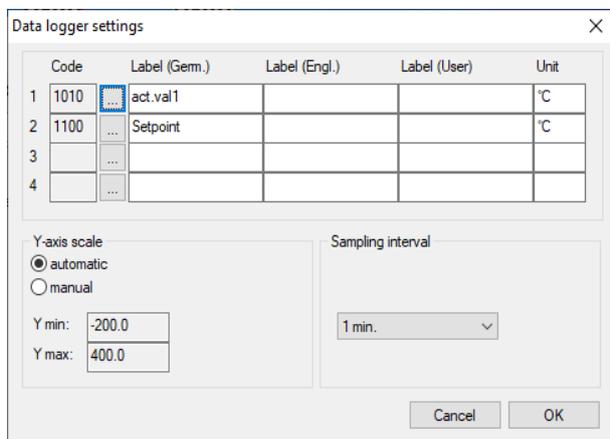
_____

„STATUS-BITMAP":

With the Status Bitmap function, 2 or up to 11 different image files can be displayed, depending on a binary or analogue input variable. The fields "..." can be used to specify the maximum of eleven paths to BMP, JPEG, PNG or GIF files. The paths are displayed in the column "Image file".
The respective symbol with the red X is used to delete path specifications.
Enter a value (-999999...9999999) for each image file in the column "Value".
(Value 0 = picture according to the "Default" path).

Code and bit are to be entered in the "Relation" field, e.g. code 1005 and bit 1 for relay K1 (binary input variable).

For analogue input variables, bit 0 must be entered in the "Relation" field.

„DATA LOGGER SETTINGS":

Clicking the left mouse button on the page "Diagram and data logger (2)" opens the data logger settings of the respective page.

The parameter for the recording can be selected in the "..." field; the designation is displayed on the controller in German, English or User-defined (User.) depending on the selected language. The unit is permanently displayed on the controller. A maximum of 4 parameters per page can be recorded.

The Y-axis sca le is done automatically or by means of a manual range specification.

The sampling interval for the recording can be adapted via dropdown list.

Note: The scaling of the Y-axis and the sampling interval for the recording are freely adjustable for each side.