DA08-NA/E, DA10-NA/E

Programming instruction for digital panelmeters with analogue inputs (Version 08/2002)

All Keys are on top of the case

Key T1:   carries out the adjustment of the selected digit

Key T2:   selects the programming digit (is shown by the luminous decimal point). The final value of display is assigned to the **MP 2 + 4** by using of key after the minimal and maximal input signal.

Key T3:   changes from normal-mode into programming-mode.

MP	Display	Function / Description
Pr	_ _ _ 0	**Calibration** 0 = calibration external with external measure signal A = calibration internal currency (-19mA ... +20mA DC) without external measure signal U = calibration internal voltage (-10V ... +10V DC) without external measure signal
P0	_ _ _ _	**Adjustment of the minimal value of display** The value can be positive or negative
P1	P – L	**Take-over of the minimal input signal to be applied** External calibration: The minimal input signal must be connected on the measure input Internal calibration: Select the minimal input value with T1 and T2. Press the key T3 and the minimal value of display adjusted under **P0** will be assigned to the minimal input signal. The display indicates « P – L ».
P2	_ _ _ _	**Adjustment of the maximal value of display** If you need a decimal point, you have to place it on the right position before leaving this menu-point.
P3	P – H	**Take-over of the maximal input signal to be applied** External calibration: The maximal input signal must be connected on the measure input Internal calibration: Select the maximal input value with T1 and T2. Press the key T3 and the maximal value of display adjusted under **P2** will be assigned to the maximal input signal. The display indicates « P – H ».
P4	_ _ 0 1	**Adjustment of the average value** Possibilities: 1 - 99 measurements. The adjusted value will be shown on the display.
	_ L _ _	**Line break indicator** Possibilities: _ = no, L = yes (only by measuring 4-20 mA). If value falling below 25% of measuring value (< 3 mA) the display indicates « –| |– ».
P5	_ _ _ 0	**Roundness of the last digit** This value effects only at the display. Possibilities: 0 = without roundness, or with roundness by steps of 2 (2), 5 (5), or 10 (10).

Option: " F " (Input function):

MP	Display	Function

P6   _ _ _ _   **Function input**
       _ _ _ 0   Without input function
       _ _ 1 _   0 = Function Input off
                 1 = Display dark (all segments off)
                 2 = Segmenttest (all segments on)
                 3 = Display hold   (Display hold the last value)
                 4 = displayed ON
                 5 = displayed OFF
                 6 = displayed HELP

After operating of T3 the display changes back into standard-mode

For a period of about 3 seconds the message « EE » appears on the display.
The adjusted values are stored into the EEprom during this time.