

# DA13-NA/DA20-NA/DA25-NA/DA40-NA

Programming instruction  
digital panelmeters with analogue inputs  
( 03/98 )

The keys and the switch are behind the front glass.

Switch S1: Changes between normal and programming mode (code number display indicates).

Key T1: selects the code number.

Key T2: carries out the adjustment of the selected digit.

Key T3: selects the programming digit ( is shown by the luminous decimal point). **Special function:** The final value of display is assigned to code numbers 1 and 3 by using of key T3 after the min. and max. input signal is connected.

## Code No. Function/Description

0	__ _	Adjustment of the min. value of display. The min. value of display must be positive ( $\geq 0$ ). If you need a negative one please adjust the display to the value " 000 " and connect under code no. 1 the belong input signal.
1	P-L	Take-over of the min. input signal. Connect the min. input signal with the back connector plug. Press the key T3 $\rightarrow$ the min. value of display adjusted under code no. 0 will be assigned to the min. input signal. The display indicates " P-L".
2	__ _	Adjustment of the max. value of display. If need a decimal point you have to place it on the right position before leaving this code number. If you have a meter with a display of 31/2 or 41/2 digits you can choose the sign: - = negative value with sign, positive value without sign. + = negative value without sign, positive value with sign. +/- = negative and positive value with sign. = negative and positive value without sign.
3	P-H	Take-over of the max. input signal. Connect the max. input signal with the back connector plug. Press the key T3 $\rightarrow$ the max. value of display adjusted under code no. 2 will be assigned to the max. input signal. The display indicates " P-H ".
4		Adjustment of the average value of 1 - 500 measurements. The adjusted value will be shown on the display.
5		Roundness of the last digit. This value effects only the display. Possibilities: 0 $\rightarrow$ without roundness, alternative with roundness by steps of 2, 5, or 10.
6	__ _ 1 _ 1 _	Reciprocal value of display. 0 $\rightarrow$ no / 1 $\rightarrow$ yes Line break indication with value falling 25% below measured ( 4 - 20mA ). 0 $\rightarrow$ no / 1 $\rightarrow$ yes. The display indicates -   - .

After adjustment  $\rightarrow$  Switch S1 in normal mode. The selected values will be stored in the Eeprom. For a period of about 3 seconds the display indicates " EEP ".

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