

Reference Input Signal

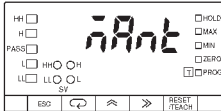
The following are the reference signals for all input ranges.

Input range	Reference input signal L	Reference input signal H	Input terminals
a 1c	0.00 mV	199.99 mV	1 and 4
b 1c	0.000 mV	19.999 mV	3 and 4
c 1c	-100.00 mV	100.00 mV	2 and 4

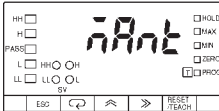
SETTING
EXAMPLE

Follow the steps described below to calibrate the input range e-Ud.

Set Value LED Display Model



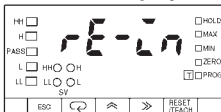
Basic Model



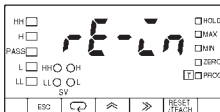
1, 2, 3...

Press the Mode Key for more than one second while the mant main-tenance mode setting is displayed. The re-in initialization setting will be displayed.

Set Value LED Display Model



Basic Model

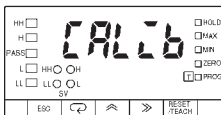


Press the Mode Key to display the calib field calibration setting.

Set Value LED Display Model



Basic Model

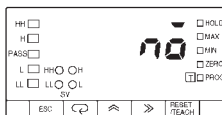


Press the Shift Key so that the K3NV will be ready for the field cal-ibration.

Set Value LED Display Model

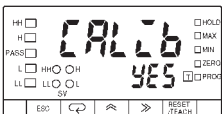


Basic Model

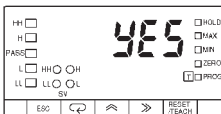


Press the Up Key to display yes and press the Mode Key.

Set Value LED Display Model



Basic Model

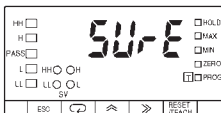


The warning message sure will be displayed if field calibration is per-formed for the first time. OMRON does not guarantee the results of field calibration. This warning message will not be displayed the next time field calibration is performed on the K3NV.

Set Value LED Display Model

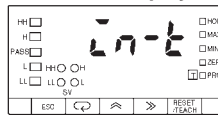


Basic Model

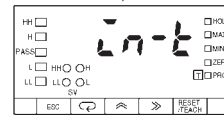


Press the Mode Key to display the in-t input range setting.

Set Value LED Display Model



Basic Model

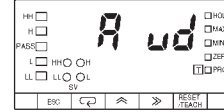


Press the Shift Key so that the K3NV will be ready for the input range.

Set Value LED Display Model

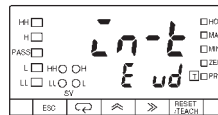


Basic Model

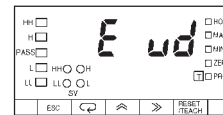


Press the Up Key and input the range to be calibrated.

Set Value LED Display Model

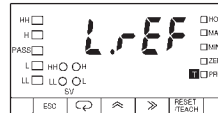


Basic Model

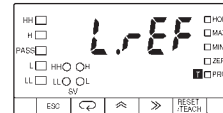


The teaching indicator will be lit and l.ref will be displayed for reference input signal L.

Set Value LED Display Model

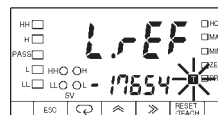


Basic Model

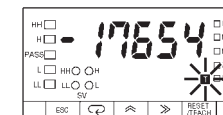


Press the RESET/TEACH Key and input 1.0000 V as reference input signal L. The teaching indicator will flash.

Set Value LED Display Model

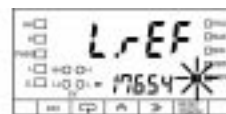


Basic Model

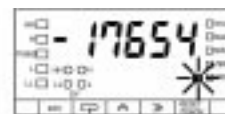


The process value will be displayed. Press the Mode Key to enter the process value as calibration data.

Set Value LED Display Model

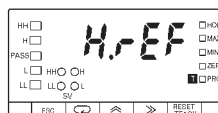


Basic Model

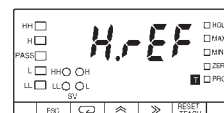


The h.ref reference input signal H setting will be displayed.

Set Value LED Display Model



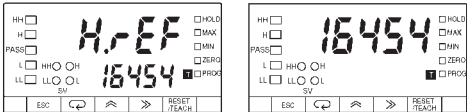
Basic Model



Press the RESET/TEACH Key and input 5.0000 V as reference input signal H.

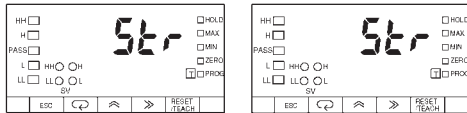
The process value will be displayed. Press the Mode Key to enter the process value as calibration data.

Set Value LED Display Model Basic Model



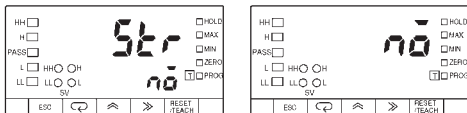
The prompt str will be displayed for confirmation of the input.

Set Value LED Display Model Basic Model



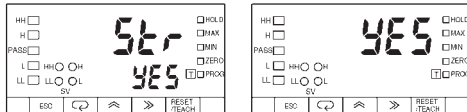
Press the Shift Key to answer the prompt.

Set Value LED Display Model Basic Model



Press the Up Key to display yes.

Set Value LED Display Model Basic Model



Press the Mode Key to overwrite the calibration data and put the K3NV in RUN Mode. If no is selected, the calibration data will not be overwritten.