

## Scaling Menu (scale)

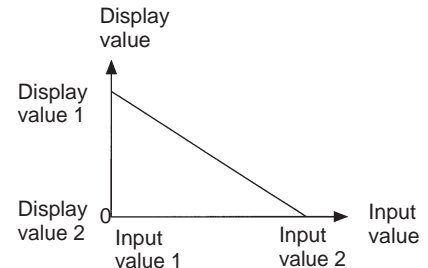
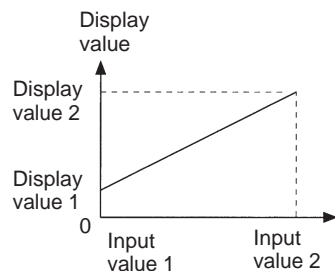
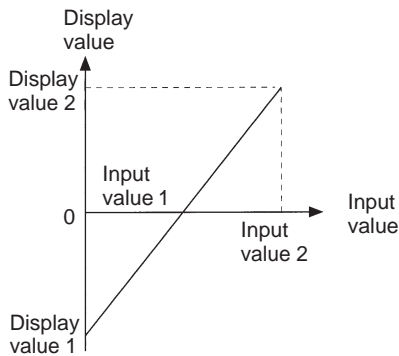
inp.2	<u>Input Value 2</u>
dsp.2	<u>Display Value 2</u>
inp.1	<u>Input Value 1</u>
dsp.1	<u>Display Value 1</u>
dec-p	<u>Decimal Point Position</u>



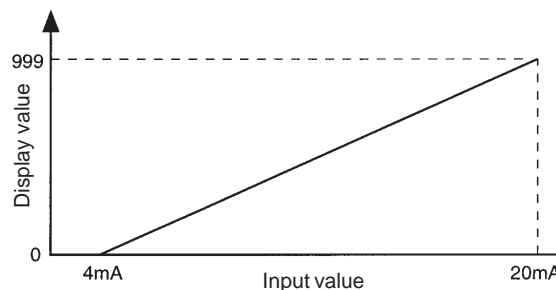
FUNCTION

There are two basic methods for scaling the Weighing Meter to display engineering units: scaling by using measured input values or scaling without connecting a sensor.

- By setting display value 1 to correspond to input value 1 and display value 2 to correspond to input value 2, scaling is possible for display on the line that connects these display values together.
- The teaching function can be used for setting input values 1 and 2.
- Input value 1 can be greater or less than input value 2 and display value 1 can be greater or less than display value 2.
- Input value 1 cannot be the same as input value 2, otherwise input value 2 will be automatically set to a value obtained by adding 1 to input value 1.
- Set the scaling value after setting the input range.



For example, if a sensor with 4- to 20-mA output is connected to the K3NV and the K3NV is set so that it will display "0" for 4-mA input and "999" for 20-mA input, the following will be the relationship between input and display values.





## SETTING

### • Input and Display Values

Setting range	Default	
-19999 to 99999	Input value 2	199.99
	Display value 2	199.99
	Input value 1	0.000
	Display value 1	0.000

### • Decimal Point Position

Decimal Point Position	Default
% % % % % (without decimal point) % . % % % % % % . % % % % % % . % % % % % % . %	% % . % % %



## REFERENCE

Refer to Section 5-1 *Teaching Function* for scaling the Weighing Meter with the sensor connected.

## SETTING EXAMPLE

The following example shows a case where the input range is set to b1c. Follow the steps described below to input the following.

Input value 2 = “20.000”

Display value 2 = “10000”

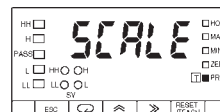
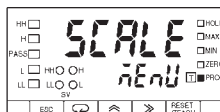
Input value 1 = “5.000”

Display value 1 = “0300”

Decimal point position = “- - - - . -”

Set Value LED Display Model

Basic Model

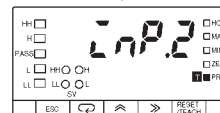
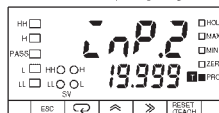


1, 2, 3...

Press the Mode Key for more than one second while the scale scaling menu is displayed. The inp.2 input value 2 setting will appear.

Set Value LED Display Model

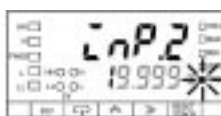
Basic Model



Press the Shift Key to display the prior set value 19.999 for changing. The PROG indicator will flash.

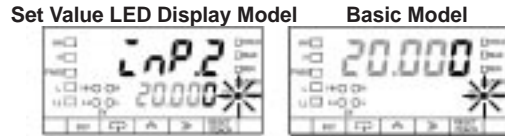
Set Value LED Display Model

Basic Model

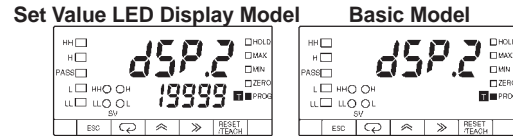


Press the Up and Shift Keys to set the value to 20.000. The input will be validated automatically if no change is made for five seconds. The inp.2 input value 2 setting will be displayed again.

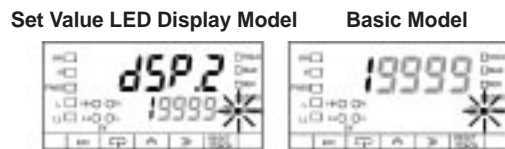
**Note** Press the Mode Key to enter the set value immediately. The dsp.2 display value 2 setting will be displayed for setting the next parameter.



Press the Mode Key to display the dsp.2 display value 2 setting.

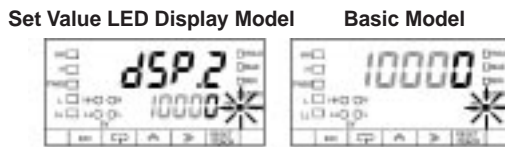


Press the Shift Key to display the set value 19999 for changing. The PROG indicator will flash.

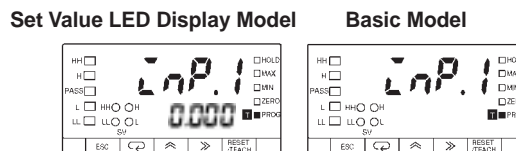


Press the Up and Shift Keys to set the value to 10000. The input will be validated automatically if no change is made for five seconds. The dsp.2 display value 2 setting will be displayed again.

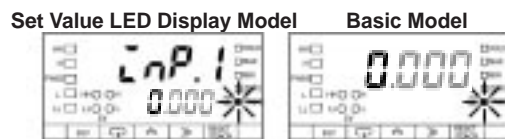
**Note** Press the Mode Key to enter the set value immediately. The inp.1 input value 1 setting will be displayed for setting the next parameter.



Press the Mode Key to display the inp.1 input value 1 setting.



Press the Shift Key to display the prior set value 0.000 for changing. The PROG indicator will flash.



Press the Up and Shift Keys to set the value to 05.000. The input will be validated automatically if no change is made for five seconds. The inp.1 input value 1 setting will be displayed again.

**Note** Press the Mode Key to enter the set value immediately. The dsp.1 display value 1 setting will be displayed for setting the next parameter.

Set Value LED Display Model



Basic Model

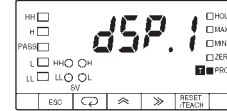


Press the Mode Key to display the dsp.1 display value 1 setting.

Set Value LED Display Model



Basic Model

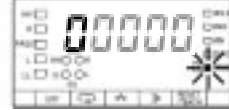


Press the Shift Key to display the prior set value 0000 for changing. The PROG indicator will flash.

Set Value LED Display Model



Basic Model



Press the Up and Shift Keys to set the value to 00300. The input value will be validated automatically if no change is made for five seconds. The dsp.1 display value 1 setting will be displayed again.

**Note** Press the Mode Key to enter the set value immediately. The dec-p decimal point position setting will be displayed for setting the next parameter.

Set Value LED Display Model



Basic Model



Press the Mode Key to display the dec-p decimal point position setting.

Set Value LED Display Model

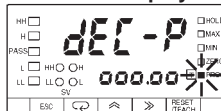


Basic Model



Press the Shift Key to display the prior decimal point position %%. The PROG indicator will flash.

Set Value LED Display Model

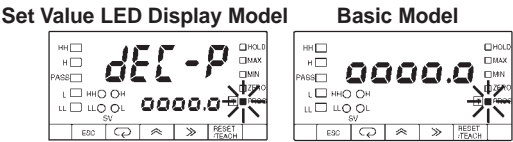


Basic Model



Press the Up Key to set the decimal point position to %%. The input will be validated automatically if no change is made for five seconds. The inp.2 input value 2 setting will be displayed again.

**Note** Press the Mode Key to enter the decimal point position immediately. The inp.2 input value 2 setting will be displayed again.



Press the Mode Key to display the inp.2 input value 2 setting.

