

6-1-2 Prescaling Value

- A prescaling input value can be set using the actual measured value instead of key input in the prescaling menu.
- Input the process value as a reference value at the time of teaching.
- The prescaling value is calculated automatically by setting the present value displayed by the RESET/TEACH Key to an appropriate value.

If the process value is 50 at the time of teaching and the value to be displayed is 1, the prescaling value is obtained from the following.

$$\text{Value to be displayed} / \text{Process value} = 1 / 50 = 0.02$$

Therefore, X (mantissa) and Y (exponent) in the psc1 prescaling menu are set to 2 and -2 respectively.

- Follow the steps below to teach the setting value.

1, 2, 3...

1. Press the RESET/TEACH Key for more than one second while the parameter is displayed. The process value will be displayed and the teaching indicator will flash.
2. Press the RESET/TEACH Key again to change the present setting. Press the Up and Shift Keys to set the value to be displayed. Press the Escape Key to interrupt teaching.
3. Press the RESET/TEACH Key again to set the prescaling value.

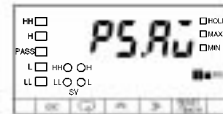
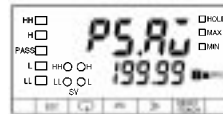
SETTING EXAMPLE

Follow the steps described below to use the teaching function to make the K3NR display 60 as 100.00.

Note In this example, all bank settings are disabled.

Set Value LED Display Model

Basic Model

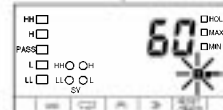
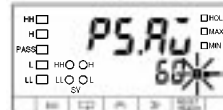


1, 2, 3...

1. Press the TEACH/RESET Key for more than one second while the parameter is displayed. The teaching indicator will flash.

Set Value LED Display Model

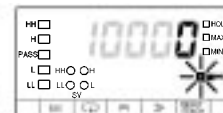
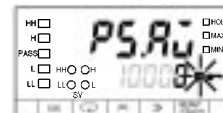
Basic Model



2. Press the RESET/TEACH Key again to change the present setting. Press the Up and Shift Keys to set the value to be displayed.

Set Value LED Display Model

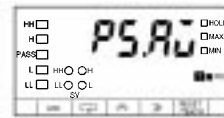
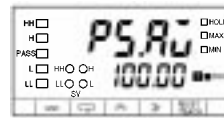
Basic Model



- Press the RESET/TEACH Key again to set the prescaling value.

Set Value LED Display Model

Basic Model

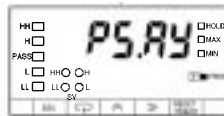
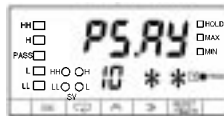


- Press the Mode Key to display the ps.ay prescaling value Y (exponent) of input A setting.

Note The asterisks indicate appropriate values.

Set Value LED Display Model

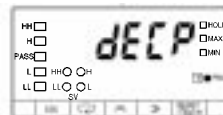
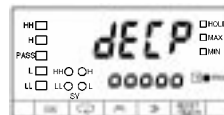
Basic Model



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

Set Value LED Display Model

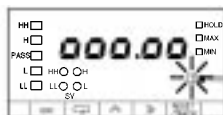
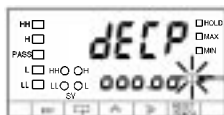
Basic Model



- Press the Shift Key to set %%. The displayed setting will be validated automatically if no change is made for five seconds. The decp decimal point position setting will be displayed again.

Set Value LED Display Model

Basic Model



- Press the Escape Key to display the pscl prescaling menu.

Set Value LED Display Model

Basic Model

