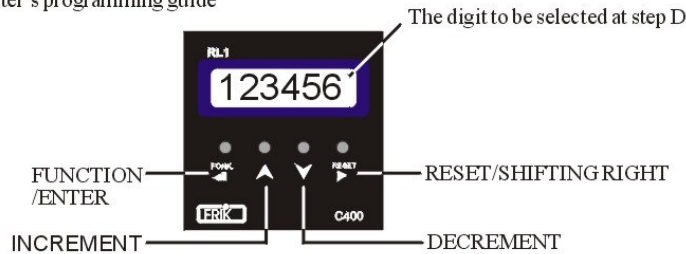


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C400 6 digit programmed counter's programming guide



Entrance to the programming mode:

- The programming mode is entered by pressing the Function button twice. d0 becomes displayed.
- The parameter to be programmed is selected by the use of increment and decrement buttons. F1 - F9 (function code) programming modes, d0 - d5 (indicator code) program indicators.
- When it is time for the code of the selected function or indicator, the selected mode is entered by pressing the function button.
- In order to exit the selected function, the digit at the very right is selected by the use of right shift button (the selected digit blinks) and function button is pressed, we return to the normal counting screen.
- In order to exit the selected indicator, the function button is pressed once and we pass into the indicator code. d0 is selected in order to the return to the counting screen from the Program mode and the function button is pressed.

Indicator codes:

- d0: Returning back to the normal counting screen.
- d1: indicates the set value, doesn't make adjustment.
- d2: indicates the multiplier value, doesn't make adjustment.
- d3: indicates the automatic reset period, doesn't make adjustment.
- d4: indicates the automatic reset on/off position, doesn't make adjustment.
- d5: indicates whether the reset process is from the panel or connector, doesn't make adjustment.

Function codes:

- f1: Set value adjustment. Each digit is adjusted separately by the increment / decrement buttons. The desired digit is selected by the use of right shift button. (can be adjusted in between 000000 - 999999.)
- f2: Multiplier value adjustment. Each digit is adjusted separately by the increment / decrement buttons. The desired hane is selected by the use of right shift button. (can be adjusted in between 00.0001 - 00.0000.)
- f3: Reset period value adjustment. Each digit is adjusted separately by the increment / decrement buttons. The desired digit is selected by the use of right shift button. (can be adjusted in between 00.00 - 99.99 seconds.)
- f4: The (on) selection is made when the automatic resetting occurs and (off) selection is made when it doesn't occur. When the function F4 is entered, a change is made only once. If Ar is on, Ar is made off by the increment or decrement button, before entering into the function again, no new change can be made, after the new change is made, we return to the normal counting screen by pressing the function (enter) button.
- f5: The selection of whether the reset process shall be from the panel or connector connection. If Pr is on, the reset process is done by the RESET button in the front panel. If Pr is off, the reset process is done by the connector connection, RESET button doesn't do resetting. The processes in the function F5 are done like in F4.
- f9: Point location adjustment. If a point is desired to be put, F9 is entered, the location of the point is selected by the use right shift button. By pressing the function button, we return to the normal counting screen.

Note: At the time the impulse comes to the counter entrance, the counter exits the programming mode and it starts to count. For a newly entered function to be valid, it needs to be ended definitely by pressing the function (enter) button.

C400 model counter keeps the program parameters and the last counting value in its memory, before the energy is cut.

The sample of the calculation of multiplier value.

$$\text{Multiplier value} = \frac{\text{Indicator number}}{\text{Counting entrance number}}$$

Let the perimeter of a disc be 85 cm and 141 pals is obtained in one tour revolving of the disc. What should be the Multiplier value to be able to measure length at 0.01 m sensitivity with this disc?

$$\text{The pals number at 1.00 m} = \frac{100 * 141}{85} = 165.88 \quad \text{Multiplier value} = \frac{100}{165.88} = 0.6028$$

The point must be selected at the position of 0000.00