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# Digitimer

## How to set the Values for Delay and Width on the NL403



A

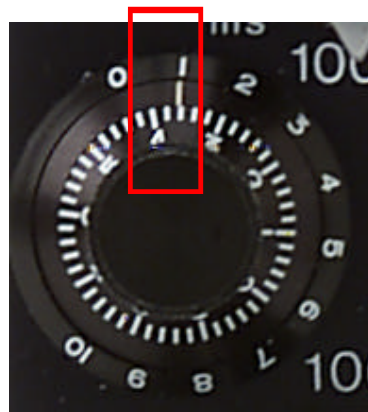


### RANGE CONTROL

The switch with the blue cap sets the maximum possible value for the Delay/Width, when the 10 turn dial is fully turned clockwise.

Here the maximum delay is set on 100µs.

B



### VARIABLE CONTROL

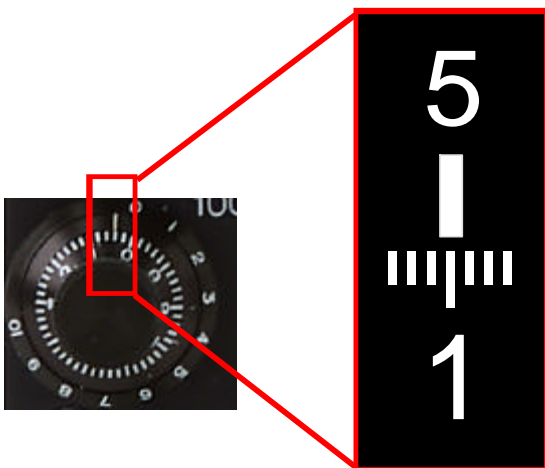
The 10-turn dial sets Delay/Width from 0 up to the value set on the Range Control.

Here it shows 0.136 of the full scale

The above settings of A and B would therefore give a final Delay value of 13.6µs.

### So How do I get a Delay of 510ms?

With the Range Control positioned at 1s, in order to get a Delay value of 510ms, the Variable Control dial needs to be turned to 51.0% i.e. 5.10 turns clockwise, until it shows the values below. Note that care should be taken to ensure the dial is accurately positioned when a setting of 0% or 100% is required.



1 turn = 10% of range

Each small graduation = 0.2% of range

1/10th turn = 1% of range



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