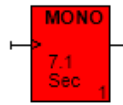


Function Block 32 Mono Stable Timer

Function Description

This function supplies a mono-stable action for logic signals. The time delay is determined at design time with a range from 0.1 to 1638.4 seconds, in 0.1 second increments. This function block will only react on 0-to-1 transitions at the input if it is not in a timing cycle, i.e. when the output is at logic 0. The input can be inverted.

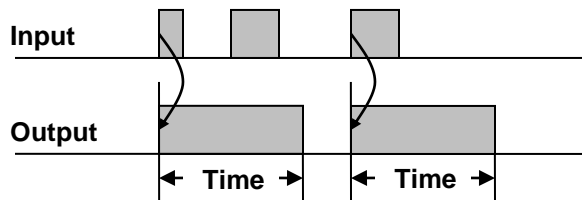


Popup Parameters

- Time value.
- Execution sequence number.

Description of operation

The operation of the Mono-stable timer is best described with the following signal diagram.



Inputs and Output

Type	Description	Data Type	Range
Input	Input signal	BIT	0, 1
Output	Output signal	BIT	0, 1

Application

Function Block 32 is useful when a short trigger event must activate a signal for a specific length of time.

Notes:

Function block 32 can be executed in Cycle and Time tasks.