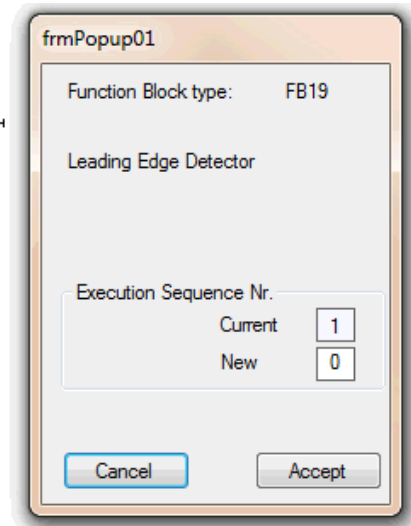
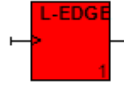


## Function Block 19      Leading Edge Detector

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### Function Description

A logic 0 to 1 transition on the input will set the output until the next execution of the task containing the function block. The input can be inverted.

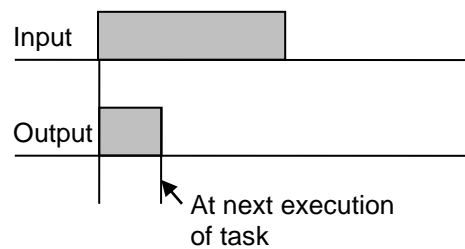


### Popup Parameters

Execution sequence number.

### Algorithm Description

A diagram is the easiest way to indicate what this function does.



### Input/Output and Parameters

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

### Application

Used to detect when a logic signal changes from 0 to 1.

### Notes:

This function block can be executed in Cycle and Time tasks.

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