

## Function Block 18 Trailing Edge Detector

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### Function Description

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



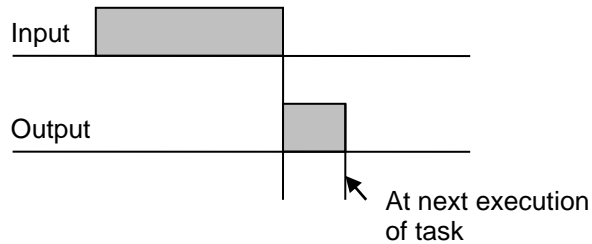
### Popup Parameters

Execution sequence number

A screenshot of a popup dialog box titled "frmPopup01". It contains the following fields: "Function Block type:" with the value "FB18", "Trailing Edge Detect" (a label), "Execution Sequence Nr." with sub-fields for "Current" (value 1) and "New" (value 0). At the bottom are "Cancel" and "Accept" buttons.

### 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 1 to 0.

### Notes:

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