

## Function Block 159 Step-Tail

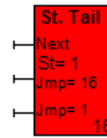
### Function Description

This function block processes the advance/jump signals from the step's logic. The block must be located at the end of the step logic function blocks. It supplies 3 logic inputs with the following functionality:

- Next: When this input is asserted the sequence will step to the next step, i.e. current + 1
  - Jmp=: (2<sup>nd</sup> input). When this input is asserted the sequence will step to the step number selected with the parameter Jmp1.
  - Jmp=: (3<sup>rd</sup> input). When this input is asserted the sequence will step to the step number selected with the parameter Jmp2.
- All 3 the above inputs can be inverted.  
The step number value on FB159 (St = ..) will be automatically inserted by the VPS\_P18 compiler.

### Popup Parameters

- Execution sequence number.
- Jmp1: Step number to select when 2<sup>nd</sup> input asserted.
- Jmp2: Step number to select when 3<sup>rd</sup> input asserted.



### Input/Output and Parameters

Type	Description	Data Type	Range
Input	Step to next	Boolean	0,1
Input	Jump to Jmp1 position	Boolean	0,1
Input	Jump to Jmp2 position	Boolean	0,1

### Application

This function block is used in control sequences. For information on the use of function block FB159 see: Constructing Control Sequences with VPS\_P18.

### Notes:

Function block 159 can be executed in Cycle and Time tasks.