

## Sommario

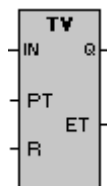
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## TV (Pulse Protract )

|                                      |                |
|--------------------------------------|----------------|
| <b>Function name</b>                 | TV_010         |
| <b>Function version</b>              | 1.0            |
| <b>Function state</b>                | stable         |
| <b>Compatibility with IEC61131-3</b> | not compatible |

Graphic symbol :



Input / Output :

| Name | Belonging Group  | Access | Types of data     | Description                                 |
|------|------------------|--------|-------------------|---------------------------------------------|
| EN   | Left Power Flow  |        |                   | IEC1131-3 enable input                      |
| IN   | Normal           | R , RW | F , B , W , L , S | Timer activation at the rising edge         |
| PT   | Normal           | R , RW | B , W , L , S     | Preset timer in milliseconds                |
| R    | Normal           | R , RW | F , B , W , L , S | Reset block ladder                          |
| Q    | Normal           | W , RW | F , B , W , L , S | Resulting state of the elaboration function |
| ET   | Normal           | W , RW | B , W , L , S     | Timer value                                 |
| ENO  | Right Power Flow |        |                   | IEC1131-3 enable output                     |

Description :

The output (Q) of the function block **TV** is at one when the activation input (IN) is at one. The output (Q) is reset when the set input, relative to the pulse length of time, is passed completely or when the reset input (R) passes to one.

The timing is not influenced if the input (IN) from the logic state one passes to the logic state zero (self maintaining).

If it is verified that a next change of state on the input (IN) from zero to one during the timing, the timer is restarted with the value of the nominal time: restarting.

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