# Sommario

# Positive Transition-Sensing Toggle Coil

| | |
|---|---|
| *Function name* | PTSTCL_010 |
| *Function version* | 1.0 |
| *Function state* | stable |
| *Compatibility with IEC61131-3* | not compatible |

**Graphic symbol :**

reference
—(PT)—

**Input / Output :**

| Name | Belonging Group | Access | Types of data | Description |
|---|---|---|---|---|
| reference | Normal | R , RW | F , B , W , L , S | Reference variable of the contact |

**Description :**

**For reference variable of FLAG type :**
The state of the left link is copied in the right link. The state of the associated Boolean variable (indicated with **reference**) is inverted (NOT operation) when on the left link it is noticed a state transition from OFF to ON.

***Important***
It at the first evaluation of this element is revealed the state of OFF in the left link the programmable controller system (Qmove) will ignore that value until it will notice the state of ON, at this point the negative transition-sensing coil will start working normally.

**For reference variable of BYTE, WORD, LONG e SINGLE type:**
The state of the left link is copied in the right link. The state of the associated variable (indicated with **reference**) is inverted (NOT operation) when on the left link it is noticed a state transition from OFF to ON.

***Important***
It at the first evaluation of this element is revealed the state of OFF in the left link the programmable controller system (Qmove) will ignore that value until it will notice the state of ON, at this point the negative transition-sensing coil will start working normally.

***Important***
The QEM ladder editor allows the use of a reference used with a negative transition-sensing coil in coils of other types or as output value of a function block, in that case the value of the associated variable (indicated with **reference**) depends from the interaction from the various functionalities.