Sommario

Positive Transition-Sensing Coil

Function name	PTSCL_010
Function version	1.0
Function state	stable
Compatibility with IEC61131-3	compatible

Graphic symbol :
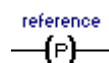
reference
—(P)—

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 ON, from an evaluation of this element until the next, when on the left link is revealed a transition from OFF to ON. The state of the associated Boolean variable (indicated with **reference**) will be OFF all the other times.

Important
If at the first evaluation of this element is revealed the state of ON in the left link the programmable controller system (Qmove) will ignore that value until it will reveal the state of OFF. At this point the positive transition-sensing coil will start to work normally.

For reference variables of BYTE, WORD, LONG and SINGLE type :
The state of the left link is copied in the right link. The value of the associated variable (indicated with **reference**) is 1 (one), from an evaluation of this element until the next, when in the left link is revealed a status transition from OFF to ON. The value of the associated variable (indicated with **reference**) will be 0 (zero) all the other times.

Important
If at the first evaluation of this element is revealed the state of ON in the left link the programmable controller system (Qmove) will ignore that value until it will reveal the state of OFF. At this point the positive transition-sensing coil will start to work normally.

Important
The QEM ladder editor allows the use of a reference used with a positive 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 functionality.