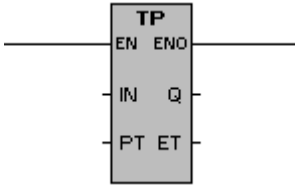


Sommario

TP (Pulse) 3

TP (Pulse)

Function name	TP_010
Function version	1.0
Function state	stable
Compatibility with IEC61131-3	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	Activation timer on rising edge
PT	Normal	R , RW	B , W , L , S	Preset time value in milliseconds
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 function block **TP** is used to generate some pulses for a specific period of time. When the activation input (IN) becomes true, the output bit (Q) is active. That bit remains true for the pulse specified in the preset time (PT). When the elapsed time (ET) becomes equal to the preset time (PT), the output bit (Q) becomes false. The elapsed time remains true until the activation input becomes false. When the output bit becomes true, it remains true until the time elapsed is the preset time (PT).

The timer TOF has the resolution of 1 ms.

Documento generato automaticamente da **Qem Wiki** - <http://wiki.qem.it/>

Il contenuto wiki è costantemente aggiornato dal team di sviluppo, è quindi possibile che la versione online contenga informazioni più recenti di questo documento.