

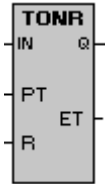
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TONR (On-Delay Timer Retentive)

Function name	TONR_011
Function version	1.0
Function state	stable
Compatibility with IEC61131-3	compatible

Graphic symbol :



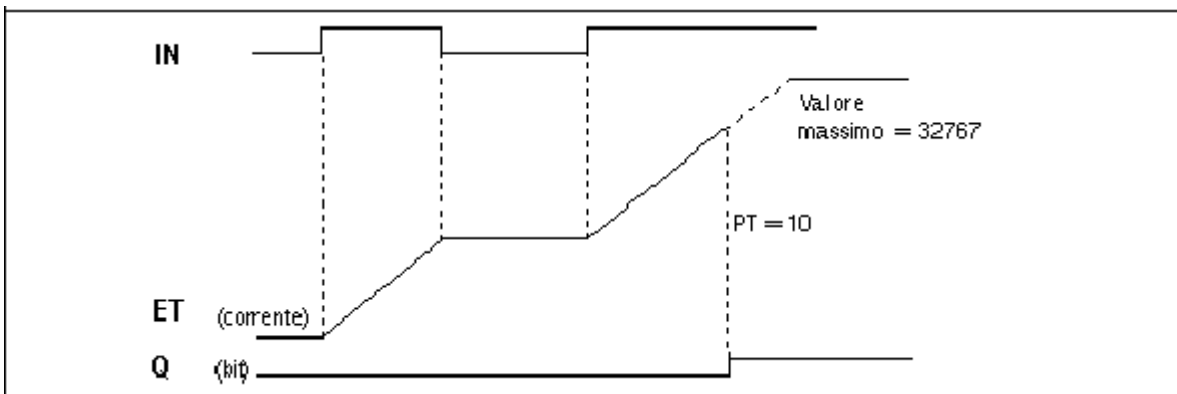
Input / Output :

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	Timer activation at the rising edge
R	Normal	R , RW	F , B , W , L , S	Reset block ladder
PT	Normal	R , RW	B , W , L , S	Preset timer 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 operation **On-Delay timer retentive** counts the time when the qualification input is active (ON). The timer bit is activated when the current value becomes greater than or equal to the preset time (PT). When the qualification input is deactivated (OFF), the current value of the On-Delay timer retentive is maintained. This allows to accumulate the time for more activation periods of the input. The current value of the timer can be reset with the input (R). The timer goes on counting once reached the preset value and stops when once reached the maximum value 32767.

Example :



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