

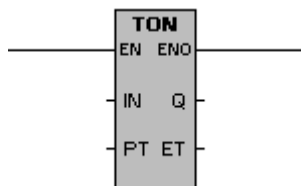
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TON (On Delay)

Function name	TON_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	Timer activation at rising edge
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 function block **TON** counts forward until the preset value when the activation input (IN) becomes true. If the elapsed time (ET) is greater than or equal to the preset time (PT), the output bit of the timer (Q) is activated. The output bit is reset when the activation input becomes false. When it's reached the preset time (PT), the timing stops and the timer is deactivated. The timer TOF has the resolution of 1 ms.

Il temporizzatore TOF ha la risoluzione di 1 ms.

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