

## Sommario

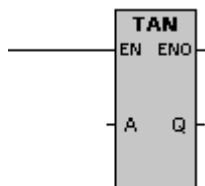
<b><i>TAN (Tangent in Radians)</i></b> .....	3
--	---



## TAN (Tangent in Radians)

<b>Function name</b>	TAN_010
<b>Function version</b>	1.0
<b>Function state</b>	stable
<b>Compatibility with IEC61131-3</b>	compatible

Graphic symbol :



Input / Output :

Name	Belonging Group	Access	Types of data	Description
EN	Left Power Flow			IEC1131-3 enable input
A	Normal	R , RW	F , B , W , L , S	Input variable A in radians
Q	Normal	W , RW	F , B , W , L , S	Result of the operation $Q = \text{TAN}(A)$
ENO	Right Power Flow			IEC1131-3 enable output

Description :

This function executes the operation Tangent; it calculates the trigonometric function tangent of the angular value A and place the result in Q. The input angle is in radians. To convert an angle from degrees to radians, you have to multiply it by  $1.745329\text{E-}2$  (corresponding to about  $\pi / 180$ ).

Documento generato automaticamente da **Qem Wiki** - <https://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.