

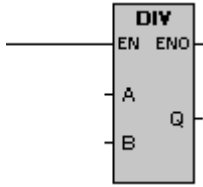
Sommario

<i>DIV (2 Variables Division)</i>	3
--	---

DIV (2 Variables Division)

Function name	DIV_010
Function version	1.0
Function state	stable
Compatibility with IEC61131-3	not 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 (dividing)
B	Normal	R , RW	F , B , W , L , S	Input variable B (divisor)
Q	Normal	W , RW	F , B , W , L , S	Result of the operation $Q = (A) / (B)$
ENO	Right Power Flow			IEC1131-3 enable output

Description :

The function Division divides A by B and place the result in the specified variable from Q.

The eventual overflow in the result (Q) is ignored.

A division by zero cause an error condition that imply $ENO = 0$.

Note: the numbers in floating point are represented in the format described in the standard 754-1985 ANSI/IEEE (in single precision). For further representation about the argument, refers to that law.

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.