

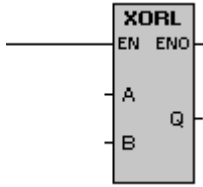
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XOR of 2 Input Variables

Function name	XORL_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
A	Normal	R , RW	F , B , W , L , S	Input variable A
B	Normal	R , RW	F , B , W , L , S	Input variable B
Q	Normal	W , RW	F , B , W , L , S	Logic result of the operation $Q = (A) \text{ XOR } (B)$
ENO	Right Power Flow			IEC1131-3 enable output

Description :

The function XORL executes the logic XOR between the parameters A and B based on the following table:

A	B	Q
Equal to zero	Equal to zero	Zero
Equal to zero	Different from zero	One
Different from zero	Equal to zero	One
Different from zero	Different from zero	Zero

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