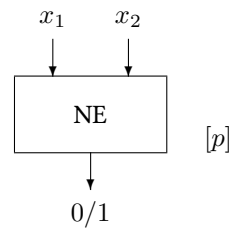


Block NE

The NE block tests whether its first input is different from the second one.



Name	NE
Function	fb0027
Inputs	2
Outputs	1
Parameters	$0 \dots [1]$
Strings	0
Group	S

Inputs

- 1 Any value x_1
- 2 Any value x_2

Outputs

- 1 y is set to one if $|x_1 - x_2| > p$, otherwise y is set to zero

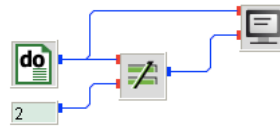
Parameters

- 1 Error tolerance $p \geq 0$ for the difference between x_1 and x_2 , set to zero by default

Strings

None

ne.vseit



A **DO** block counts from 1 to 3. The **CONST** block provides a constant with value 2. The **NE** block checks, whether the output of the **DO** block is not equal to 2 (true = 1) or equal (false = 0). The **SCREEN** block displays the result.

1.0	1.0
2.0	0.0
3.0	1.0