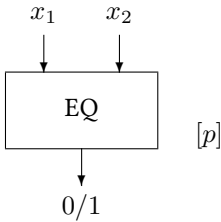


Block EQ

The EQ block tests whether its first input is equal to the second one.



Name	EQ
Function	fb0027
Inputs	2
Outputs	1
Parameters	0 ... [1]
Strings	0
Group	S

Inputs

- 1

Any value x_1
- 2

Any value x_2

Outputs

- 1

y is set to one if $|x_1 - x_2| \leq p$, otherwise y is set to zero

Parameters

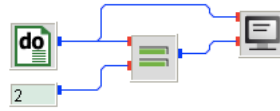
- 1

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

Strings

None

eq.vseit



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

1.0	0.0
2.0	1.0
3.0	0.0