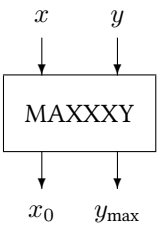


Block MAXXXY

The MAXXXY block finds the maximum of its second input over a complete simulation run and returns the x and y coordinates.



Name	MAXXXY
Function	fb0070
Inputs	2
Outputs	2
Parameters	0
Strings	0
Group	I

Inputs

- 1

Any signal x
- 2

Corresponding value $y(x)$

Outputs

- 1

x_0 coordinate of maximum
- 2

Maximum value $y_{\max} = y(x_0)$

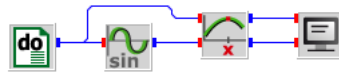
Parameters

None

Strings

None

maxxy.vseit



A **DO** block provides values for an angle α between 0 and 180 degrees in steps of one, which are used by a **SIN** block to calculate $\sin(\alpha)$.

The **MAXXY** block detects the maximum value and outputs the coordinate of the maximum and the value of the maximum to a **SCREEN** block to show the result.

89.98999786 1.00000000