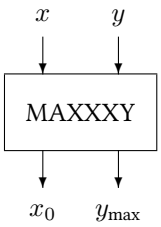
Block MAXXXY

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

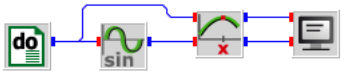
Parameters

None

Strings

None

maxxxy.vseit



A DO block provides valaues 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 MAXXXY block detects the maximum value and outpus the coordinate of the maximum and the value of the maximum to a SCREEN block to show the result.

```
89.98999786  1.00000000
```