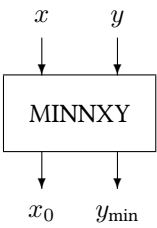


Block MINNXY

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



Name	MINNXY
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 minimum
- 2

Minimum value $y_{\min} = y(x_0)$

Parameters

None

Strings

None

minnxy.vseit



A **DO** block provides values for an angle α between 0 and 360 degrees in steps of one, which are used by a **SIN** block to calculate $\sin(\alpha)$.

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

270.00000 -1.0000000