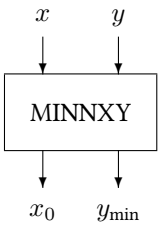
Block MINNXY

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

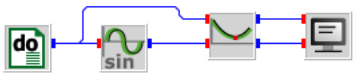
Parameters

None

Strings

None

minnxy.vseit



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

```
270.00000      -1.0000000
```