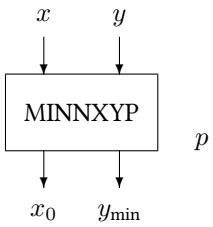
Block MINNXYP

The MINNXYP block finds the minimum of its second input signal over a number of steps as defined through its parameter.





Name	MINNXYP
Function	fb0074
Inputs	2
Outputs	2
Parameters	1
Strings	0
Group	I

Inputs

1	Any x-coordinate
2	Corresponding y-coordinate

Outputs

1	x-coordinate of minimum
2	Corresponding minimum value

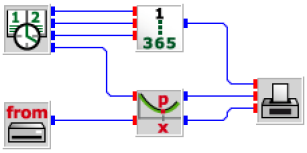
Parameters

1	Number p of steps to find the minimum

Strings

None

minnxyp.vseit



A CLOCK block runs through the hours of January 1982. Corresponding temperature data are read by a READ block from file `meteo82.dat` which can be found in the `examples/data` directory.

The MINNXYP block detects the daily minimum values and outputs the hour of occurrence and the value of the minimum temperature via a PLOT block.

As can be observed by far not all minima are in the early morning hours as might have been expected.

