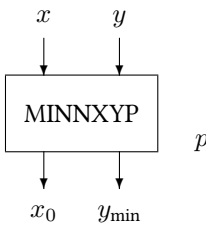


Block MINNXYP

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

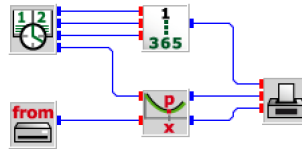
Parameters

- 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.

