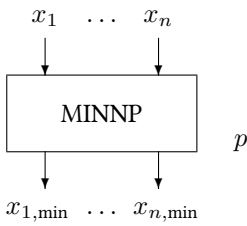


Block MINNP

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



Name	MINNP
Function	fb0020
Inputs	1 ... [50]
Outputs	1 ... [50]
Parameters	1
Strings	0
Group	I

Inputs

i Any signal x_i

Outputs

i Minimum $x_{i,min}$ of x_i

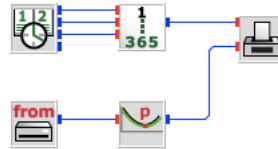
Parameters

1 Number p of steps to find the minimum $x_{i,min}$

Strings

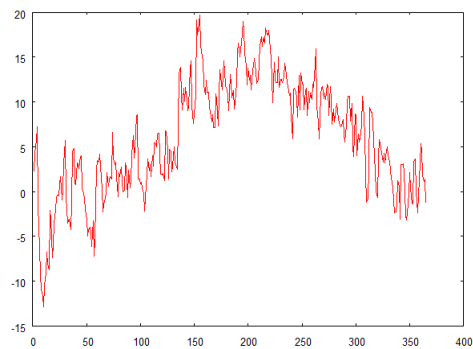
None

minnp.vseit



A [CLOCK](#) block runs through one year in steps of one hour and controls reading the data file `meteo82.dat` from the `examples/data` directory as specified by the parameters of a [READ](#) block. By definition of the Format parameter of the [READ](#) block (33X,F5.1,26X) only columns 34–38 are evaluated. These contain ambient temperature data in degrees Celsius.

Since the parameter of the [MINNP](#) block is set to 24, daily minima of the temperature data are calculated by the [MINNP](#) block and finally displayed as graph by the [PLOT](#) block.



See also [Block MAXXP](#).