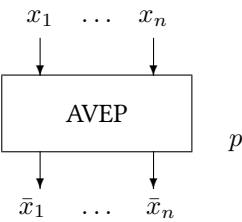


Block AVEP

The AVEP block calculates the average of its input signal over a number of steps as defined through its parameter.

$$\bar{x}_p$$



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

Inputs

i Any signal x_i

Outputs

i Average $\bar{x}$

Parameters

1 Number p of steps to build the average $\bar{x}$

Strings

None

avep.vseit



In a [DO](#) block numbers are counted from 1 to 6. The [AVEP](#) block calculates the average over every two steps and the results are displayed by the [SCREEN](#) block.

2.	1.50
4.	3.50
6.	5.50

See also Blocks [AVE](#), [AVEC](#), [AVEM](#).