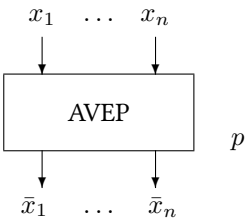
Block AVEP

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





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.