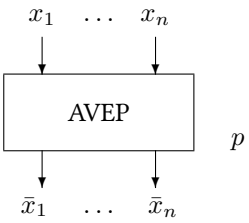
## Block AVEP

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.