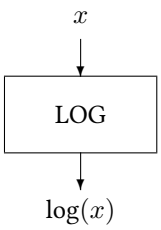
Block LOG

The LOG block returns the common (base 10) logarithm of its input.





Name	LOG
Function	fb0011
Inputs	1
Outputs	1
Parameters	0
Strings	0
Group	S

Inputs

1 Any value $x > 0$

Outputs

1 Common logarithm $\log(x)$

Parameters

None

Strings

None

Remarks

If the input value x is zero or negative, the LOG block displays a warning message and performs no operation. If this happens more than once, the warning message is suppressed. At the end of a simulation run the total number of occurencies is displayed.

log.vseit



A DO block varies x from 0.1 to 10 in steps of 0.01. The LOG block calculates the logarithm (base 10) and the PLOT block displays the graph on screen.

