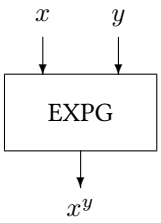
Block EXPG

The EXPG block defines a general exponential function.





Name	EXPG
Function	fb0010
Inputs	2
Outputs	1
Parameters	0
Strings	0
Group	S

Inputs

1	Any basis value $x > 0$
2	Any exponent value y

Outputs

1	x^y

Parameters

None

Strings

None

Remarks

If the first input value x is negative, the EXPG block displays a warning message and does 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.

expg.vseit



Two CONST blocks provide the constants two and three. The EXPG block calculates 2^3 and the SCREEN block displays the result

```
8.0
```