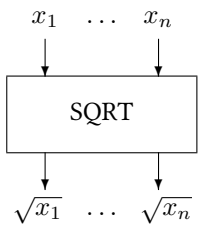


Block SQRT

The SQRT block returns the square root of its input.



Name	SQRT
Function	fb0005
Inputs	1 ... [10]
Outputs	1 ... [10]
Parameters	0
Strings	0
Group	S

Inputs	i	Any value $x_i \geq 0$
Outputs	i	Square root $\sqrt{x_i}$
Parameters		None
Strings		None
Remarks	If the input value x is negative, the SQRT 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 occurrences is displayed.	

sqrt.vseit



A **CONST** block defines the number 3.14. The **SQRT** block returns the square root of its input, which is displayed by the **SCREEN** block.

1.77200449