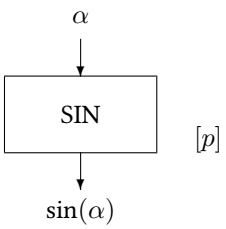
## Block SIN

The SIN block returns the sine of its input.




| | |
|---|---|
| **Name** | SIN |
| **Function** | fb0007 |
| **Inputs** | 1 |
| **Outputs** | 1 |
| **Parameters** | 0 . . . [1] |
| **Strings** | 0 |
| **Group** | S |

### Inputs

1 Any angle $\alpha$

### Outputs

1 Sine of $\alpha$

### Parameters

1 Degrees / radians switch $p$. If $p$ is set to 0 (default) $\alpha$ is interpreted in degrees. If $p$ is set to 1 $\alpha$ is interpreted in radians.

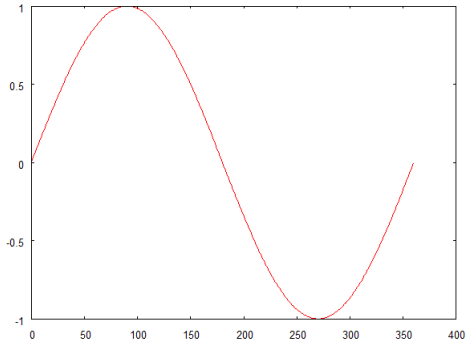
### Strings

None

sin.vseit




A DO block varies $\alpha$ from 0 to 360 degrees. The SIN block calculates $\sin(\alpha)$ and the PLOT block displays the graph on screen.




See also Blocks ACOS, ACOT, ASIN, ATAN, COS, COT, and TAN.