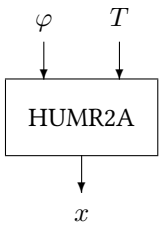
Block HUMR2A

The HUMR2A block converts relative humidity to absolute humidity as a function of temperature.

hum
r→a



Name	HUMR2A
Function	st0013
Inputs	2
Outputs	1
Parameters	0
Strings	0
Group	S

Inputs

1 Relative humdity of humid air φ
2 Temperature T / °C

Outputs

1 Absolute humdity of humid air x / g water/kg dry air

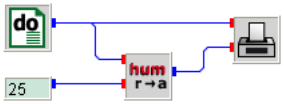
Parameters

None

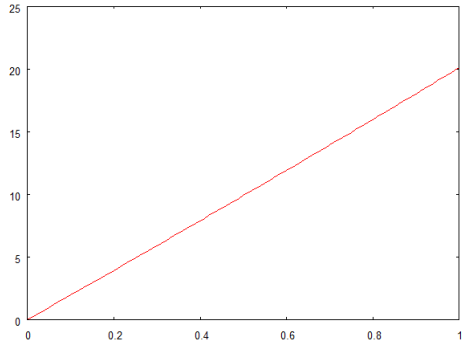
Strings

None

humr2a.vseit



A DO block varies relative humidity from 0 to 1 in steps of 0.01. Assuming a constant temperature of 25 °C as defined by a CONST block the absolute humidity is displayed by a PLOT block.



See also Block HUMA2R.