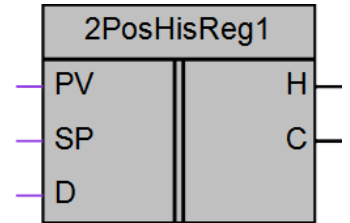


On-off controller

2PosHisReg



Input	Data type	Description
PV	REAL	Process variable
SP	REAL	Setpoint
D	REAL	Hysteresis
Output	Data type	Description
H	BOOL	Heating
C	BOOL	Cooling

Application

Heating- or cooling control

Function

The macro realizes the two-point control with the setpoint SP and the hysteresis D.

The output H is activated ($H = 1$), if

$PV < SP - D$,

deactivated, if

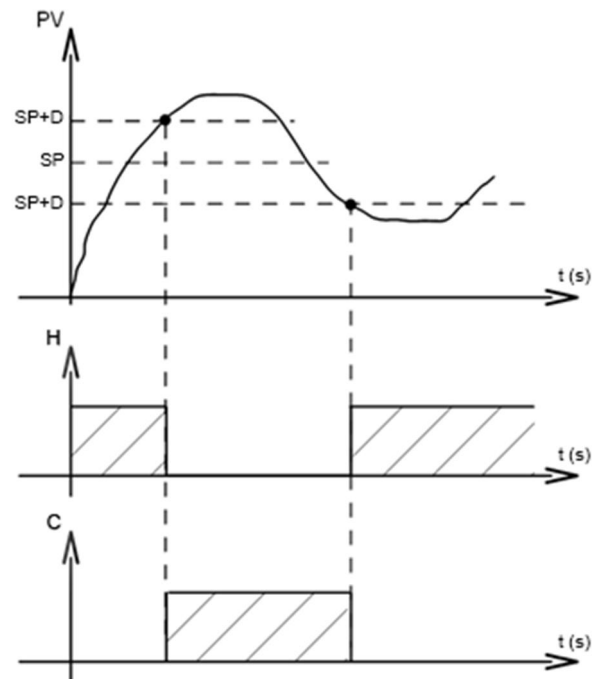
$PV > SP + D$,

and reactivated, if

$PV < SP - D$.

The output H is normally used for heating control.

The output C is the inverted output H and is normally used for cooling control.



Devices	PR114, PR200
Version	1.0
Last modification	26.02.2015