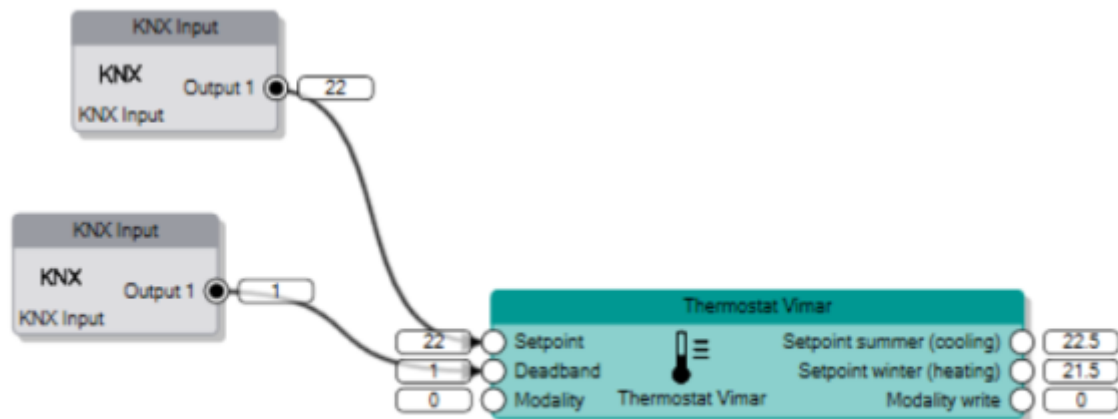


# Thermostat Vimar



This logic diagram represents the configuration and operation of a **Thermostat Vimar** block, commonly used for temperature regulation in KNX systems. The block receives inputs such as setpoint temperature, deadband, and modality, and calculates the appropriate cooling and heating thresholds.

## Input Connections

### 1. 1. **Setpoint** (Input: 22)

- This KNX input defines the target room temperature.
- In the example, the setpoint is **20°C**.

### 1. 2. **Deadband** (Input: 1)

- This value sets the allowed temperature deviation before activating heating or cooling.
- A deadband of **1°C** means:
  - Cooling will activate at **Setpoint + 0.5°C = 22.5°C**
  - Heating will activate at **Setpoint - 0.5°C = 21.5°C**

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