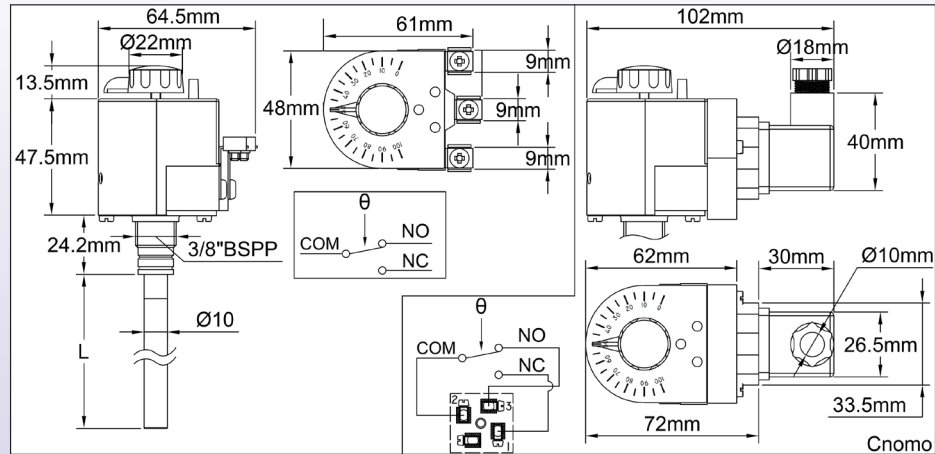


# SPDT Bimetal rod thermostats with dead zone, VR and VU types

## DIMENSIONS



## TECHNICAL FEATURES

**Applications:** These thermostat have a rod section that is not sensible to temperature. This allows to keep the thermostat head away from high temperatures. Therefore, they are more used in air duct temperature control.

**Temperature ranges:** 0-100°C (32-212°F), 0-200 °C (32-392°F), 0-300°C (32-572°F), 0-400°C (32-752°F)

**Housing dimensions:** 65 x 48 x 48 mm (knob not included)

**Material:** PA66 housing, and Aisi 304 stainless steel rod

**Temperature sensing element:** Invar/stainless steel bimetal rod, temperature sensing

**Electrical connections:** screw terminals

**Mounting:**

- For liquid temperature sensing: inside pocket with internal diameter > 10 mm , or directly on 3/8" BSP thread under the head, or with 3/8 x 1/2" fitting (see accessories)

- For air temperature sensing measurement: with stainless steel bracket, with or without rod cooler

**Rating:** 16(4)A 250/400VAC, 300.000 cycles. Reduced differential model is not recommended for 400V applications.

**Contacts:** SPDT, snap action

**Max ambient temperature on the head:** 85°C (185°F)

**Options:**

- Cnomo electrical connector

- Other temperature ranges.

- Other rod lengths

- IP65 aluminum housing: See catalogue N°2

**Accessories:** BSPT 1/2" stainless steel pocket, fittings, bracket, see full description and references at end of this catalogue

**Approvals:** comply with EN 60730-1 and EN 60730-2 standards

## Main references

Temperature range °C (°F)	Rod length (mm)	Reference with standard differential*	Differential value °C (°F)	Reference with reduced differential*	Differential value °C (°F)	Max. temperature on rod °C (°F)
0-100°C (32-212°F)	300	VRA00010000300	6±3°C (10.8±5.4°F)	VUA00010000300	3±1.5°C (5.4±2.7°F)	130°C (266°F)
0-100°C (32-212°F)	450	VRA00010000450	6±3°C (10.8±5.4°F)	VUA00010000450	3±1.5°C (5.4±2.7°F)	130°C (266°F)
0-200°C (32-392°F)	300	VRA00020000300	12±6°C (21.6±10.8°F)	VUA00020000300	6±3°C (10.8±5.4°F)	230°C (446°F)
0-300°C (32-572°F)	300	VRA00030000300	18±9°C (32.4±16.2°F)	VUA00030000300	9±4.5°C (16.2±8.1°F)	350°C (662°F)
0-400°C (32-752°F)	450	VRA00040000450	24±12°C (43.2±21.6°F)	VUA00040000450	12±6°C (21.6±10.8°F)	450°C (842°F)
0-150°C (32-302°F)	170	SRA00015000170	8±4°C (14.4±7.2°F)	SUA00015000170	4±2°C (7.2±3.6°F)	180°C (356°F)

\* These products can also be supplied with Cnomo connector electrical output: Replace the last number in the reference "0" by "1"

## Accessory assemblies

Pocket assembly	3/8" thread assembly	1/2" thread assembly
Air duct with dia 14.5mm hole bracket assembly	Air duct with dia. 14.5 hole bracket and cooler assembly	Air duct with 1/2" bracket and cooler assembly

Mounting accessories are described in the last section of this catalogue.

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