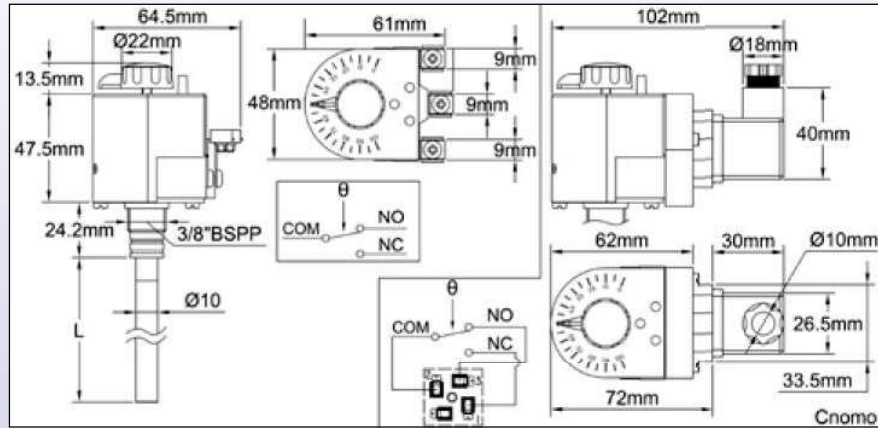


# SPDT Bimetal rod thermostats, SR and SU types

## DIMENSIONS



## TECHNICAL FEATURES

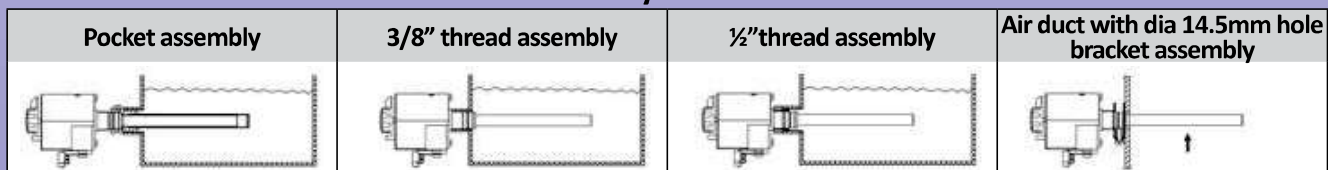
- Applications:** water and liquid temperature control, circulation heaters, hydraulic circuits oil temperature etc...
- Temperature ranges:** 0-50°C (32-122°F), 10-60 °C (50-140°F), 30-90°C (86-194°F), 0-100°C (32-212°F), 40-140°C (104-284°F), 0-150°C (32-302°F)
- Housing dimensions:** 65 x 48 x 48 mm (knob not included)
- Material:** PA66 housing, and Aisi 304 stainless steel rod
- Temperature sensing element:** Invar/stainless steel bimetal rod, temperature sensing on full rod length
- Electrical connections:** screw terminals
- Mounting:**
- For liquid temperature sensing: inside pocket with internal diameter > 10 mm , or directly on 3/8" BSPP thread under the head, or with 3/8 x 1/2" fitting (see accessories)
  - For air temperature sensing measurement: with stainless steel bracket
- 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:**
- 3 fixed setting staggered contacts for hydraulic power units : ask for specific data sheet (Type S3F)
  - Cnomo electrical connector
  - Thermovelocimetric version (detects only fast temperature change, used in fire detection and dry run protection). Type: VV, specific data sheet on request)
  - Other temperature ranges.
  - IP65 aluminum housing: See catalogue N°2
- Accessories:** BSPT1/2 stainless steel pocket, fittings, brackets , see description and references at the 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)
0-50°C (32-122°F)	450	SRA00005000450	3±1.5°C (5.4±2.7°F)	SUA00005000450	1.5±1°C (2.7±1.8°F)	70°C (158°F)
10-60 °C (50-140°F)	450	SRA01006000450	3±1.5°C (5.4±2.7°F)	SUA01006000450	1.5±1°C (2.7±1.8°F)	80°C (176°F)
30-90°C (86-194°F)	380	SRA03009000380	4±2°C (7.2±3.6°F)	SUA03009000380	2±1°C (3.6±1.8°F)	110°C (230°F)
0-100°C (32-212°F)	230	SRA00010000230	6±3°C (10.8±5.4°F)	SUA00010000230	3±1.5°C (5.4±2.7°F)	130°C (266°F)
40-140°C (104-284°F)	230	SRA04014000230	6±3°C (10.8±5.4°F)	SUA04014000230	3±1.5°C (5.4±2.7°F)	170°C (338°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



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

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