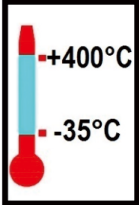
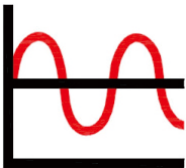
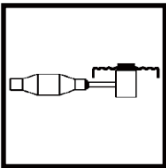
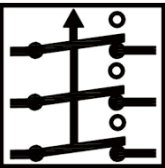

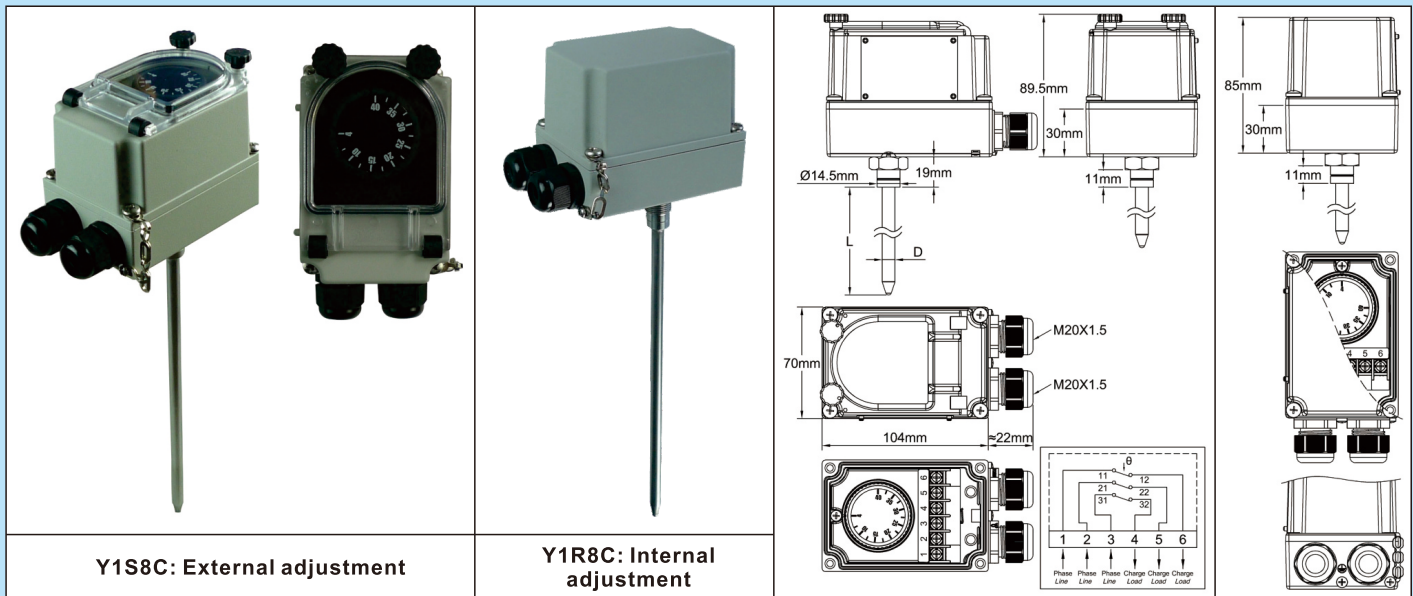


3 pole rod thermostats, temperature control

Enclosure	Type	Operation	Contact	Measurement	Ranges °C	Models
IP65, IK10	Control	Mechanical	3PST	Rod		Y1S8C & Y1R8C
Material						
Aluminum						



Applications

These **liquid expansion** rod thermostats can be installed inside pockets as immersion thermostats in pipelines and containers, and to control temperature in air ducts, in usual industrial application and environment, on 3 phase heating circuits (Not suitable for hazardous areas).

- Internal adjustment is convenient for products that must not be frequently adjusted.

- Insensibility to strong vibrations

Housing: Aluminum, IP65, IK10. Grey RAL7032 epoxy painting. Stainless steel captive cover screws. Captive aluminum lid.

Set point adjustment ranges: -35+35°C (-30+95°F); -10+40°C (15-105°F); 4-40°C (40-105°F); 0-60°C (32-140°F); 0-90°C (32-195°F); 30-90°C (85-195°F); 30-110°C (85-230°F); 50-200°C (120-390°F); 50-300°C (120-570°F); 100-400°C (210-750°F).

Set point adjustment: By °C printed knob. All types have an adjustable rotation limit system located inside the knob that allows reducing the set point adjustment span. Types with external adjustment have a transparent window. This device allows seeing the pilot light and the knob position. °F values are available in option.

Action: Temperature control, On-Off action

Sensing element: Liquid expansion rod. This rod has a non-temperature sensing zone named dead zone which allows thermal insulation crossing. An increased diameter under the thermostat head allows mounting pockets, coolers or brackets (See pockets in the accessories section)

Electrical connections: Inside, on screw terminal connection block

Earthing: External screw terminal.

Cable input and output: Two M20 cable gland, Black PA66.

Identification: Metallic identification label, riveted.

Contact: 3PST, open on temperature rise

Electrical rating, resistive loads:

16A 250V, 50 ~60Hz: >100000 cycles,

20A 250V, 50 ~60Hz: ≥ 50000 cycles,

10A 400V, 50 ~60Hz: ≥ 50000 cycles.

Minimum Storage temperature: -35°C (-30°F)

Maximum ambient temperature: 60°C (140°F)

For more technical information see 8C thermostat technical data sheet