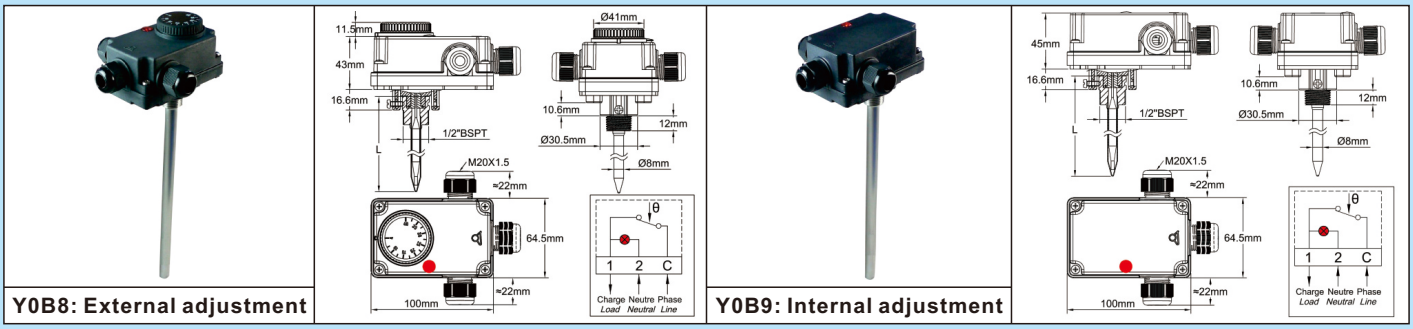
Rod thermostats, with built-in pilot light and 2 or 3 M20 cable glands, stainless steel or nickel plated brass pocket

Enclosure	Type	Operation	Contact	Measurement	Ranges °C	Models
IP55	Control	Mechanical	SPNC	Rod	+110°C / -35°C	Y0B8 & Y0B9
Material						
PC-ABS						



Y0B8: External adjustment

Y0B9: Internal adjustment

Applications

Ambient temperature control in professional premises where good protection against liquid splashes or dust is requested.
Output with 2 or 3 cable glands, allowing direct connection of heat tracing cables for freeze protection.

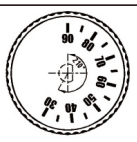
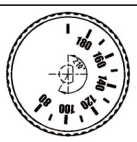
Housing: Reduced height, IP44, black PC-ABS fiberglass reinforced, UL94V0. High impact and UV resistance. 2 removable wall mounting lugs.
Cable input: M20 cable glands. Delivered with 2 or 3 cable glands. Special cable glands for oblong or flat heat tracing cables are available on request. Positioning the cable glands allows variations in the mounting position
Set point adjustment: By °C printed knob for external adjustment models, by screw driver and printed dial on internal adjustment models. °F values available in option
Sensing element: Liquid filled "pigtail" bulb, mounted on the side of plastic housing
Adjustment ranges: 4-40°C (40-105°F).
Electrical connections: On screw terminals. (It is possible to connect 2 wires 1.5mm² on each terminal). One main terminal and 3 auxiliary terminals are available for neutral connection. This allows, for example, connecting two heat trace heaters.
Mounting: Wall mounting, by two side lugs with holes for dia. 4mm screws, 69 mm distance.
Contact: SPNC (open on temperature rise).
Pilot light: Neon, 230V, standard in red, parallel connection on the load
Electrical rating, resistive loads:
16A 250V, 50 ~60Hz: >100000 cycles,
20A 250V, 50 ~60Hz: ≥ 50000 cycles,
10A 400V, 50 ~60Hz: ≥ 50000 cycles.
Electrical rating, inductive loads:
6A 250V, 50 ~60Hz: >100000 cycles
Minimum Storage temperature: -35°C (-30°F)
Maximum ambient temperature: 60°C (140°F)
For more technical information see 8G thermostat technical data sheet

Main references with nickel plated brass pocket and 3 cable glands *

Temperature ranges °C (°F)	Adjustment	References in °C with rod length L=90 mm**	References in °C with rod length L=230 mm**	References in °C with rod length L=300 mm**	Differential Differential°C (°F)	Max temperature on rod
-35+35°C (-30+95°F)	External		Y0B8LD135035N23J	Y0B8LD135035N30J	3±2 (5.5±4)	55°C (130°F)
4-40°C (40-105°F)	External		Y0B8LD104040N23J	Y0B8LD104040N30J	2.5±1.5 (4.5±2,5)	60°C (140°F)
30-90°C (85-195°F)	External	Y0B8LD130090N09J	Y0B8LD130090N23J	Y0B8LD130090N30J	4±3 (7±5.5)	120°C (250°F)
30-110°C (90-230°F)	External	Y0B8LD130110N09J	Y0B8LD130110N23J	Y0B8LD130110N30J	5±3 (9±7)	150°C (300°F)
-35+35°C (-30+95°F)	Internal		Y0B9LD135035N23J	Y0B9LD135035N30J	3±2 (5.5±4)	55°C (130°F)
4-40°C (40-105°F)	Internal		Y0B9LD104040N23J	Y0B9LD104040N30J	2.5±1.5 (4.5±2,5)	60°C (140°F)
30-90°C (85-195°F)	Internal	Y0B9LD130090N09J	Y0B9LD130090N23J	Y0B9LD130090N30J	4±3 (7±5.5)	120°C (250°F)
30-110°C (90-230°F)	Internal	Y0B9LD130110N09J	Y0B9LD130110N23J	Y0B9LD130110N30J	5±3 (9±7)	150°C (300°F)

*2 cable gland version: replace LD by KD in the reference
°F printing: replace last character (J) by K
** AISI 304 pocket; replace N by I in the reference

Knob printings

°C Printing				°F Printing			
-35+35°C	4-40°C	30-90°C	30-110°C	-30+95°F	40-105°F	85-195°F	85-230°F
							

E-Mail: info@ultimheat.com Web: www.ultimheat.com