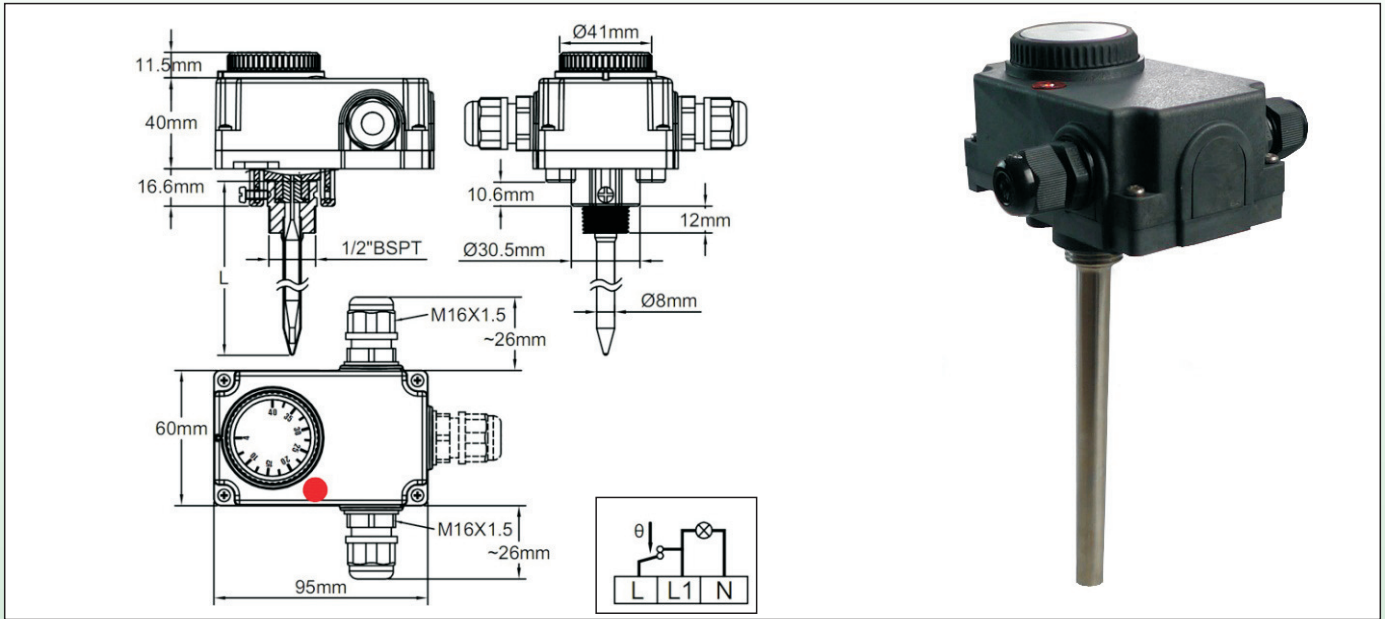


2015 New products

Rod thermostat, 2 or 3 cable gland IP44 enclosure, for heat control, with built-in pilot light. Stainless steel or nickel plated brass pocket
Type Y0B



Applications

Temperature control of tanks or pipes in professional premises where good protection against liquid splashes or dust is requested. Output with 2 or 3 cable glands, allowing direct connection of immersion heaters.

Housing: Small height, IP44, 95 x 60 x 40 mm, (Knob and cable glands not included), black PC-ABS, UL94V0. High impact and UV resistance. 2 removable wall mounting lugs.

Electrical input: M16 cable glands. Delivered with 2 cable glands (3 on request). Positioning the cable glands allows variations in the mounting position

Temperature adjustment: With °C printed knob. (°F printed knobs available in option)

Sensing element: Liquid filled bulb, located inside a backside mounted 304L stainless steel pocket.

Adjustment ranges: -35+35°C (-30+95°F), 4-40°C (40-105°F), 30-90°C (85-195°F), 30-110°C (90-230°F)

Rod length: 90, 230, 300 mm. Other length on request

Mounting:

- by the 1/2"BSPT (Tapped) pocket fitting (nickel plated brass pocket)
- by the 1/2"BSPP (parallel) pocket fitting (stainless steel pocket)

Electrical connections: On screw terminals. (It is possible to connect 2 wires 1.5mm² on each terminal.)

Contact: SPNC (open on temperature rise). One terminal is available for neutral connection. SPDT contact available on request but it is not compatible with neutral terminal and pilot light.

Electrical rating: 16A(2.6) 250VAC

-Electrical life > 100.000 cycles.

Main references with nickel plated brass pocket*

Temperature ranges (°C)	Temperature ranges (°F)	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	Max temperature on rod
-35+35°C	-30+95°F		Y0B8GD-35035N23J	Y0B8GD-35035N30J	3±2°C (5.5±4°F)	55°C (130°F)
4-40°C	40-105°F		Y0B8GD004040N23J	Y0B8GD004040N30J	3±2°C (5.5±4°F)	60°C (140°F)
30-90°C	85-195°F	Y0B8GD030090N09J	Y0B8GD030090N23J	Y0B8GD030090N30J	4±3°C (7±5.5°F)	120°C (250°F)
30-110°C	90-230°F	Y0B8GD030110N09J	Y0B8GD030110N23J	Y0B8GD030110N30J	5±3 (9±7°F)	150°C (300°F)

Main references with AISI 304 pocket*

Temperature ranges (°C)	Temperature ranges (°F)	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	Max temperature on rod
-35+35°C	-30+95°F		Y0B8GD-35035I23J	Y0B8GD-35035I30J	3±2°C (5.5±4°F)	55°C (130°F)
4-40°C	40-105°F		Y0B8GD004040I23J	Y0B8GD004040I30J	3±2°C (5.5±4°F)	60°C (140°F)
30-90°C	85-195°F	Y0B8GD030090I09J	Y0B8GD030090I23J	Y0B8GD030090I30J	4±3°C (7±5.5°F)	120°C (250°F)
30-110°C	90-230°F	Y0B8GD030110I09J	Y0B8GD030110I23J	Y0B8GD030110I30J	5±3 (9±7°F)	150°C (300°F)

Other temperature range, consult us
 *3 cable gland version: replace CBG by CBH in the reference
 **Versions with °F printed knobs: replace the last character J by K in the reference

Knob printings

°C Printing				°F Printing			
-35+35°C	4-40°C	30-90°C	30-110°C	-35+35°C	4-40°C	30-90°C	30-110°C