

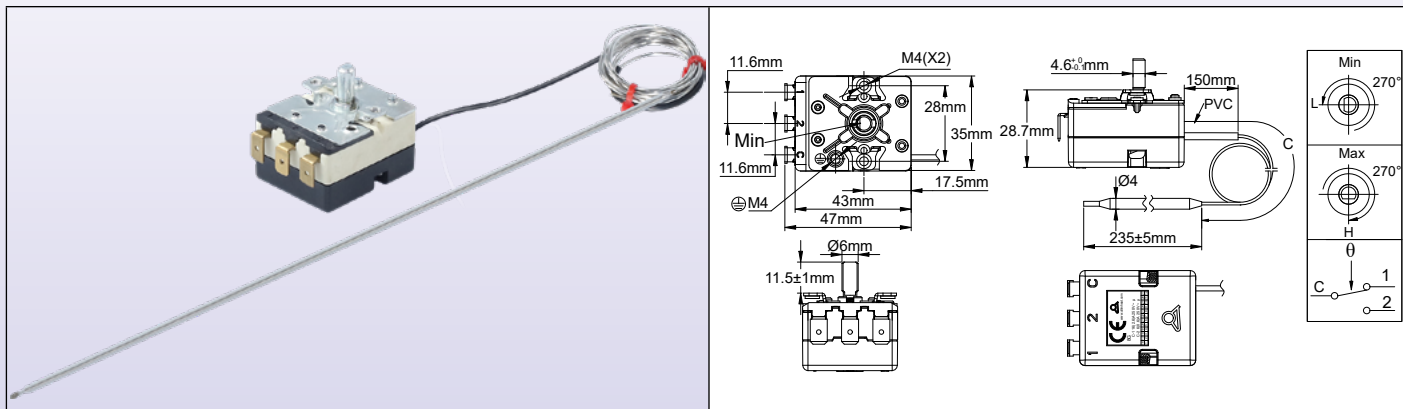


Control Thermostats

Bulb and capillary thermostat, temperature range 100-500°C

Type 8GB100500

Dimensions



Applications

Thermostats for furnaces and ovens which the operating temperature is higher than 320°C, such as pizza ovens. Their temperature resistance is outstanding.

Main features

Housing dimensions: 43 × 35 × 29mm (without terminals).

Bulb and capillary: stainless steel. Capillary minimum bending radius 5mm.

Temperature sensing element: liquid metalloid filled.

Terminals: 6.3 × 0.8 quick connect terminals. M4 screws also available on request.

Adjustment: dia. 6mm shaft with 4.6mm flat, length 11.5mm. Other lengths, screw driver adjustment or fixed setting available on request.

Mounting: front bracket with 2 × M4 threads, 28mm distance.

Contact: SPDT

Electrical rating:

- Open on temperature rise contact (C-1) 16A(2.6) 250VAC

- Close on temperature rise contact (C-2) 6A(0.6) 250VAC

Electrical life: >100,000 cycles.

Main references

Reference	Temperature range	Capillary length (C, mm)	Bulb diameter (mm)	Bulb length (mm)	Differential	Max temperature on bulb
8GB100500AE40000	100-500°C (210-930°F)	500	4	235±5	10°C±2°C (18±3.6F)	550°C (1000°F)
8GB100500AG40000	100-500°C (210-930°F)	750	4	235±5	10°C±2°C (18±3.6F)	550°C (1000°F)
8GB100500AN40000	100-500°C (210-930°F)	1400	4	235±5	10°C±2°C (18±3.6F)	550°C (1000°F)

Other temperature ranges available on request.

Printed knobs and accessories

Knob printings		Knob sizes	Bezels		
100-500°C	212-930°F	PC + Santoprene	Black ABS	Chrome plated ABS	Stainless steel
66MZ0061005009LW	66MZ0061005009LX	66MZ006*****	66EN1	66EN3	66EN2