



# **LG003X**

The wax thermostatic element produced by the SMLG with its own patented formula is widely recognized, praised and applied in the industry for its sensitivity and accuracy. It has also passed the European experimental institutions product certification (ACS, WRAS)

### **Technical Parameter**

Maximum Load	140N	Temperature( $^{\circ}$ C)	Stroke(mm)
Minimum Load	45N	32°C∼ 34°C	$1.8 \pm 0.2$
Testing Load	90N	34°C∼ 40°C	$1.5 \pm 0.2$
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Spring Rate 5N/mm

Maximum Temperature 90°C

Material Copper

Stroke:L=19.9 $\pm$ 0.3mm at 34  $^{\circ}$ C 90N

Lifespan: 100000 times

# **Application**

- Automobile
- Plumbing

Sanitary

• Shipping

- Air conditioning
- Military

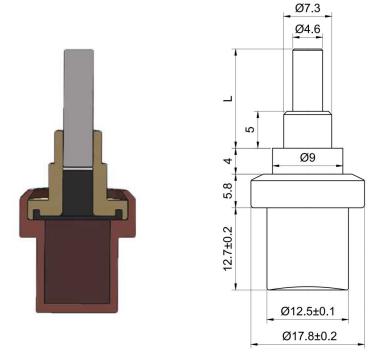
• Other industries

## **Customize Solution**

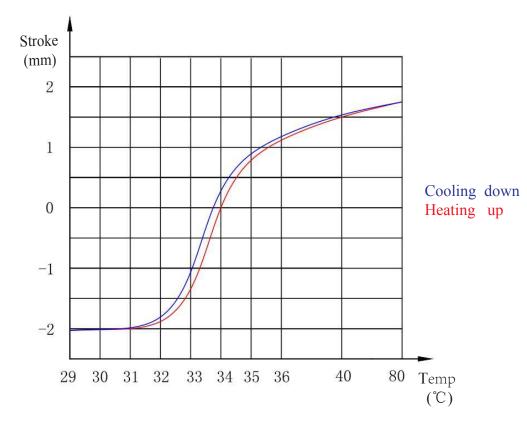
If you are not sure about the parameters of thermostatic element, our team will assist you with your selection or customize according to your products' situation.

Before any commitment, you need to send us written confirmation for the three performance parameters of the wax thermostatic element (temperature range, working stroke and maximum load).

### **Dimension**



# **Temperature VS. Stroke**



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