

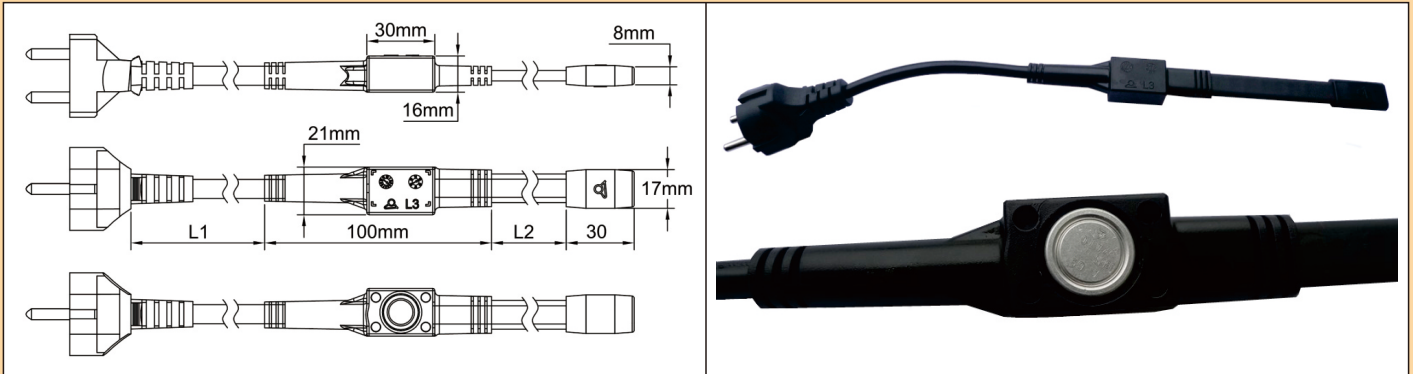
## Technical over-molding of thermostats, types 49C, 49JE, 9DHT

Connecting thermostats to wires or cables is the most critical point in regard to the mechanical strength and resistance to water penetration.

Over-molding improves the mechanical strength of the assembly and provides a good ingress protection to water.

Thanks to the special process developed in our laboratories, low temperature Polyamide 66 injection molding does not overheat the disc of the thermostat, (Avoiding in this way the set point temperature drift with this operation usually brings), nor the conductor insulation.

### Over-molded thermostat on heat tracing cable, type 49C



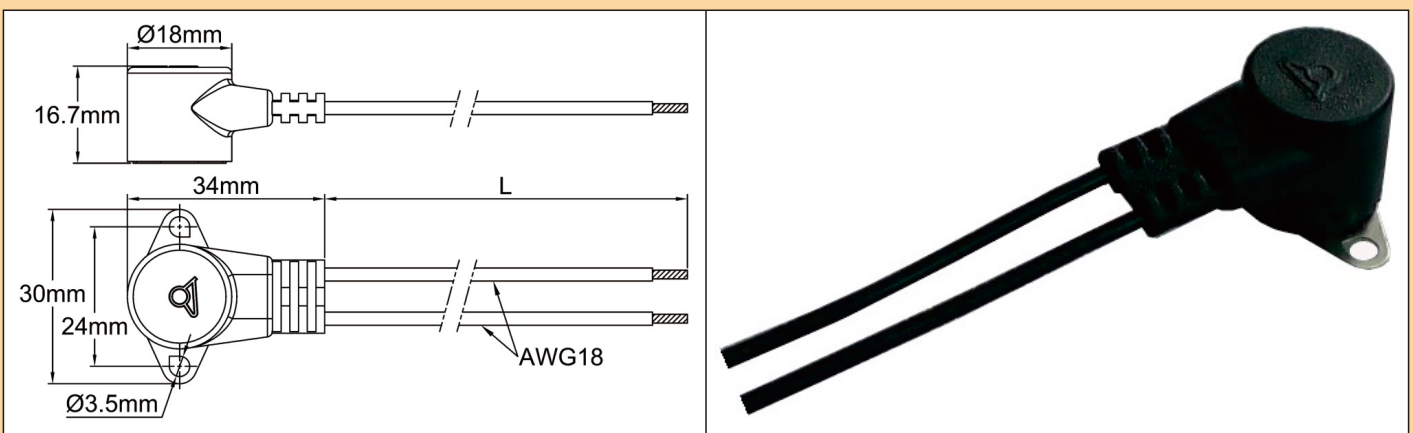
#### Technical features

The assembly is waterproof, frost proof, short immersion proof, protects the connection of the power cord to the heating cable. The flexibility of the over-molding is compatible with the heating cable. The free end of the heating cable receives also an over-molding to make it waterproof.

This type of assembly is cost saving, but requires M.O.Q of 500 pieces.

**The designs and quotations of this product are only made on the basis of customer's specs, and depend on the dimensions of the heating wire (diameter, length, power), and type, gauge and length of the cord.**

### Defrost termination over-molded thermostat type 49JE



#### Technical features

The assembly is waterproof, frost proof, short immersion proof, protects the connection of the power cord to the thermostat, protects the thermostat housing and is terminate the defrost when the temperature rise to a warm temperature. The thermostat is mounted on a heat exchanger or on a pipe, with its sensitive disc located thereon. He is secured there with a spring or with a bracket.

The temperature sensitive cup is made in stainless steel and is not covered by the over-molding, to optimize the temperature measurement and the response time.

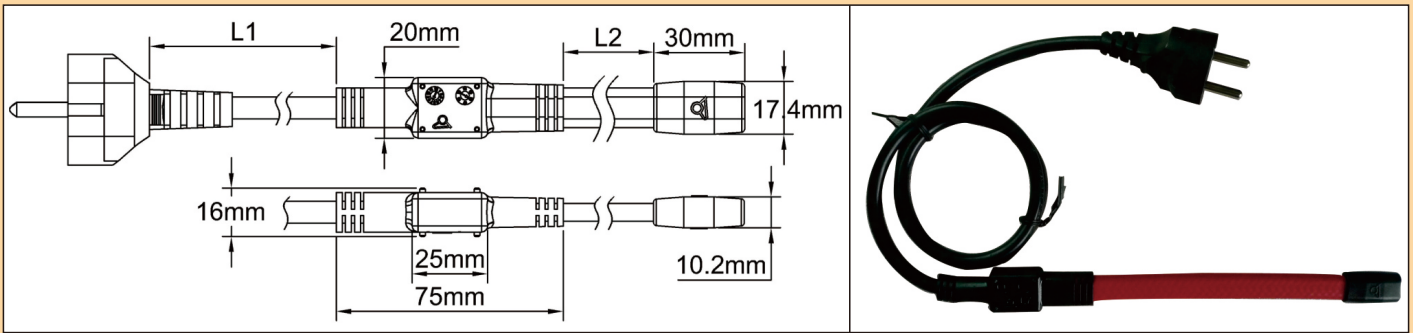
This type of assembly is cost saving, but requires M.O.Q of 500 pieces.

**The designs and quotations of this product are only made on the basis of customer's specs, and depend on the thermostat open and close temperatures, and type, gauge and length of the cord.**

# Technical over-molding of thermostats, types 49C, 49JE, 9DHT

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## Over-molded junction between cord and heat tracing cable, type 9DHT



### Technical features

The assembly is waterproof, frost proof, short immersion proof, protects the connection of the power cord to the heating cable. The flexibility of the over-molding is compatible with the heating cable. The free end of the heating cable receives also an over-molding to make it waterproof.

This type of assembly is cost saving, but requires M.O.Q of 500 pieces.

**The designs and quotations of this product are only made on the basis of customer's specs, and depend on the dimensions of the heating wire (diameter, length, power), and type, gauge and length of the cord.**