



FEATURES

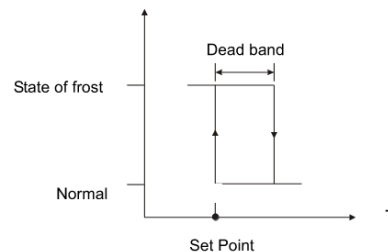
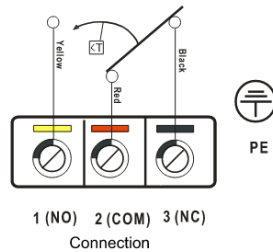
- Copper vapor filled capillary
- 6 meters / 19.7 Feet in length
- Low Limit Thermostat / Freezestat
- Housing and cover meet UL94V-0 for plenum mounting
- Working Environment (-) 10-70°C / 14-158°F <95%RH
- Capillary Element Operating Temp (-) 30-80°C / (-) 22-176°F
- Accuracy typical +/- 2°C / +/- 3.6°F
- Contact Life >= 10⁸
- Dimensions 62mm / 2.4" x 126mm / 5"
- Wiring connect gland nut 4mm / .15" minimum, 8mm / .3" maximum

SPECIFICATIONS

Model	EXL-02050
Temp Range	0-7°C 32-44.6°F
Contact Rating	24VAC Class II
Contact Rating	4.0 Amps
Contacts	NO NC
Deadband	2-4°C 3.6-7.2°F Above SP
Capillary Length	19.7 Feet
Capillary	Switches on Coldest Section
Capillary	Copper
Capillary Temp Limit	(-)30-80°C (-)22-176°F

Wiring Diagram:

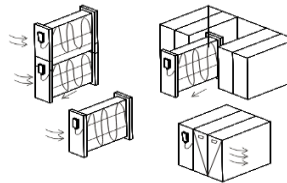
Wire according to the following wiring diagram. The internal contacts 2 and 3 will open when the temperature drops down below the set point and the contacts 2 and 1 close at the same time. The contacts 2 and 3 will close again when the temperature rises up above the (set point + dead band), and contacts 2 and 1 open at the same time.



Caution:

Install the controller on the mounting surface with the environment temperature NOT lower than the set point of the controller. And do NOT install the controller near other cold or heat sources, or somewhere of more than 80°C / 176°F. Do not press the capillary flat, it will change the original calibration status and affect the accuracy. In order to measure the temperature more accurately, customer should wrap the capillary as long as possible around the detected coil or pipe, no less than 20cm / 8in.

Turn OFF the power supply before wiring to avoid possible electrical damage.



PART NUMBER:

EXL-02050