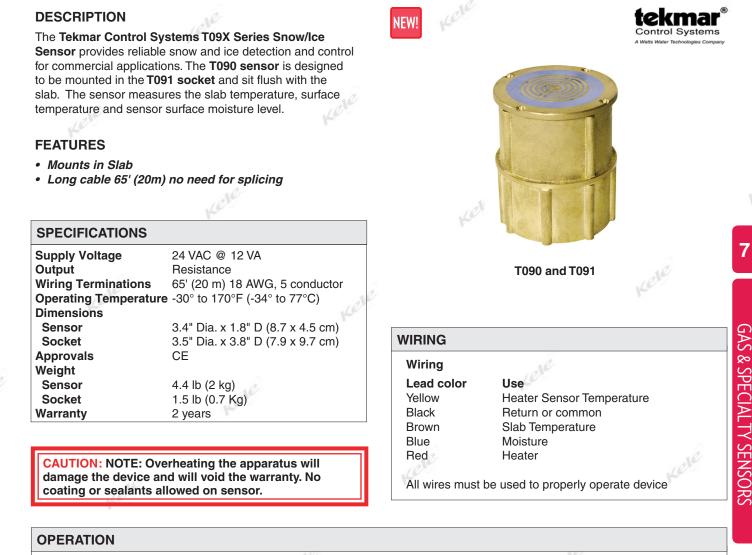
GAS & SPECIALTY SENSORS

SNOW/ICE SENSOR TO9X SERIES





By using one's reading of the outside air sensor (not supplied with this device) one will know the ambient temperature.

The Blue & Black wires are used to measure moisture. When the sensor is dry the ohms reading is \sim 2,000,000. When the sensor is wet the ohms reading should be between 10K to 300k.

To create moisture for the Blue & Black wires to measure, the heater can be turned on when the outside air temperature is below 32°F by applying 24 VAC @ 12 VA to the Red and Black wires.

The Yellow and Black wires are the Heater Sensor Temperature sensor and the Brown and Black wires are the Slab temperature sensor, both are 10K ohm Type 3 thermistors. One must not exceed 34°F on either of these temperature measurements, this is done by turning off the heater.

ORDERING INFORMATION

MODEL T090 T091 DESCRIPTION Snow/Ice sensor Socket for T090

March 2014

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NEW!