Snow/Ice Detector for Copper SMP Panels
Submittal - Page 1 of 2

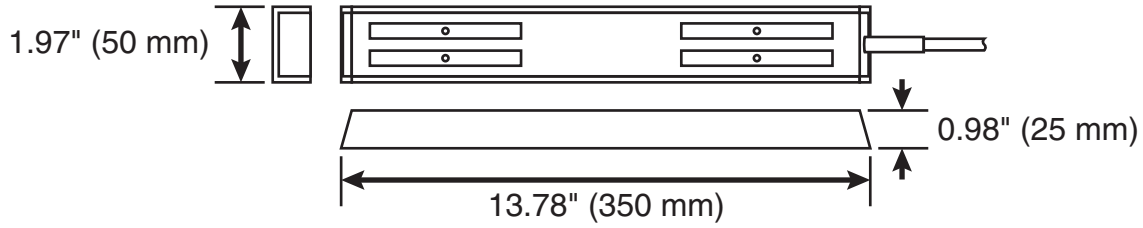
Job or Customer :	
Location :	
Engineer :	
❑ Complies with Spec ❑ Alternate	Notes :
Contractor :	
HeatLink Rep :	
Submitted By :	Date :
Approved By :	Date :
P.O. Number :	Date :

Description
This snow/ice sensor, in conjunction with the standard snow melt control in copper SMP panels, activates and controls a snow melting system based on moisture (snow/ice) and slab temperature. The sensor measures the slab temperature and sensor surface moisture level.

Technical Data
Sensor: ..... NTC thermistor, 12kΩ @ 70°F
Cable Diameter:..... 0.3" (7.5 mm)
Cable Length: ..... 32.8 ft (10 m)

Standards / Listings
CE

Qty	Stk. #	Weight
	DRVWSNS	4.5 lb (2.0 kg)



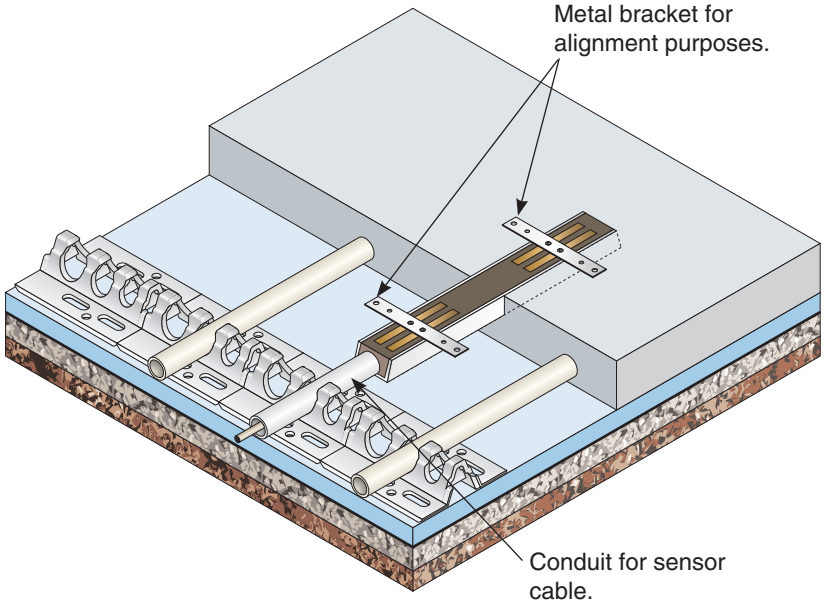
©2012 HeatLink Group Inc.

Precipitation Sensor Installation

The installation of the precipitation sensor should be done in the following manner:

- Placement of the sensor should be within an area where ice or snow accumulation is prevalent.
- Sensor placement should be spaced between tubing.
- The sensor should be mounted onto a hard foundation, for an asphalt application place the sensor in a concrete recess.
- The top of the sensor should be flush to the surface.
- Sensor wire should be run according to local authority, and recommended that the sensor wire be run in conduit.

Extension of the sensor cable can be up to 164ft (50m) and the cable's extension resistance being less than 10 Ohms.



Installation
Installation must follow all of HeatLink's instructions and guidelines.

Maintenance
Maintenance must follow all of HeatLink's instructions and guidelines.

Related Documents
• HeatLink Limited Heating Warranty

©2012 HeatLink Group Inc.