

Service Bulletin 093
February 17, 2016

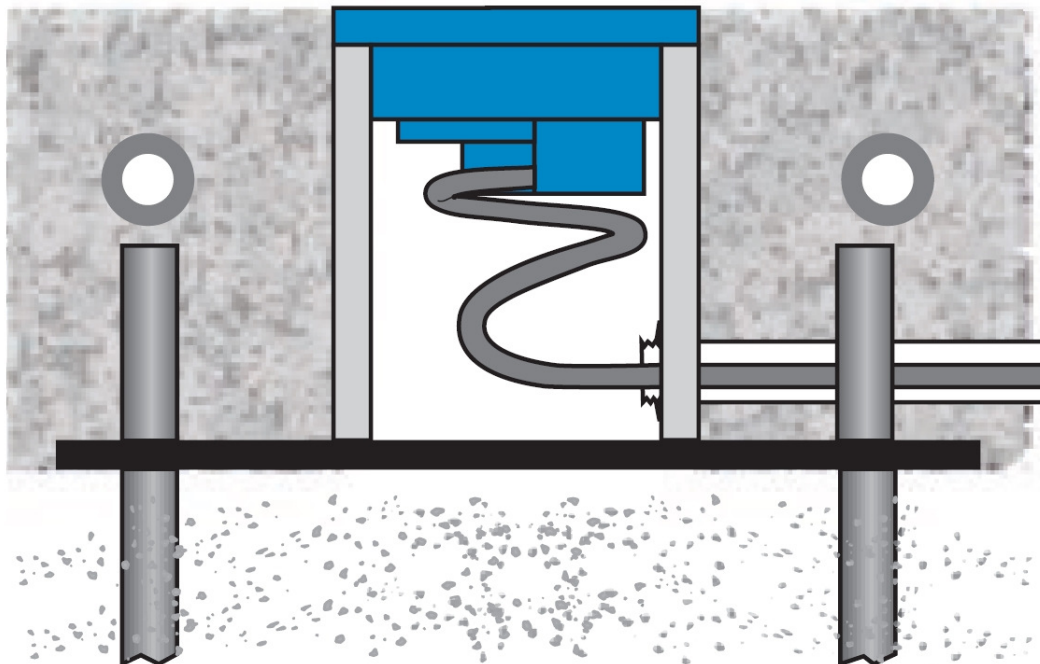
Snow/Ice Sensor Load Rating

tekmar has received questions from our customers concerning the maximum weight load rating for the Snow/Ice Sensor 090 (or 094) and Snow/Ice Sensor Socket 091. This specification is often required by engineers to design high weight load snow melting systems in areas such as loading docks and aircraft hangar aprons.

To address these customer requests, tekmar conducted a maximum load test with the 090 installed in the 091. When installed in a concrete slab according to the installation instructions, the 090 (or 094) and 091 were found to support loads of up to:

- **15,000 lb** (US customary units)
- **66,723 N** (metric)

The load must be evenly distributed over the surface of the 090 (or 094).



Both the Installation & Operation Manual and the Product Submittal for the 090, 091 and 094 have been updated to include this detail.