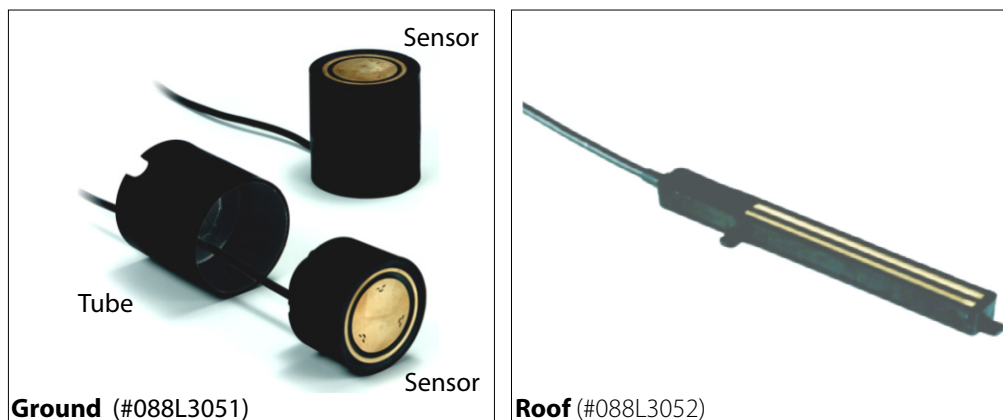


## Data Sheet

## GX Snow Melting System Digital Sensors



### General Information



The Danfoss digital sensors are used with the GX 850 Automatic Control Panel and the GX 850M Controller - the most optimal solutions for keeping an area free of ice and snow. The controllers act on information received from the sensor(s), which register both temperature and moisture, and then calculates the information ensuring that the heat will only be turned on when snow and/or ice is present. The result is optimal performance with maximum energy savings and minimum operating costs.

- Precise measurement of temperature and moisture
- Rugged construction
- Built-in heating
- Self-adjusting moisture sensitivity
- Protected against galvanic corrosion

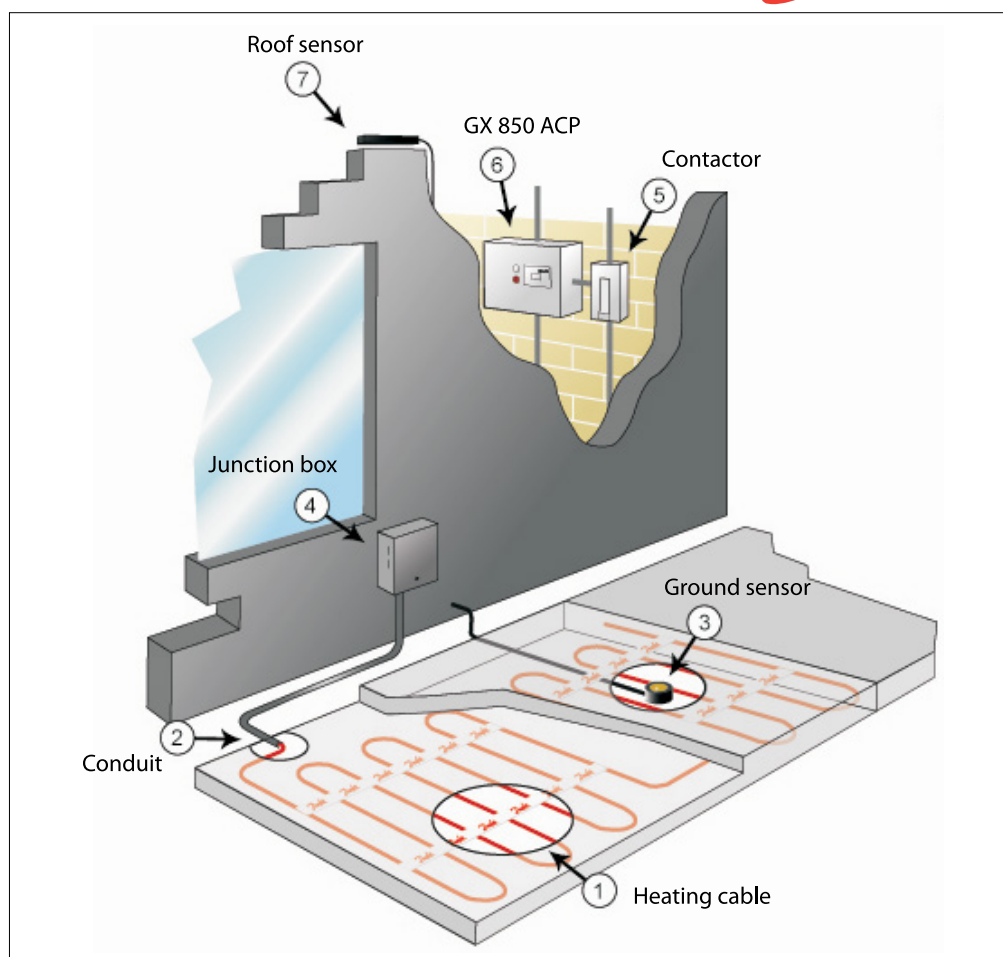
### Technical Data - Ground Sensor

Supply Voltage:	24 Vdc (supplied by GX 850 ACP)
Operating Temperature:	-22°F to 158°F (-30°C to +70°C)
Sensor Lead:	50' (15 m) of 16AWG 4-wire jacketed cable
Ground Sensor Dimensions:	Sensor: Diameter 3.5", Height 3" (89mm x 76mm) Tube: Diameter 3.5" Height 3.75 (89mm x 95mm)

### Technical Data - Roof Sensor

Supply Voltage:	24 Vdc (supplied by GX 850 ACP)
Operating Temperature:	-58°F to 158°F (-50°C to +70°C)
Sensor Lead:	50' (15 m) of 16AWG 4-wire jacketed cable
Roof Sensor Dimensions (HxWxD):	1" x 8.5" x 0.5" (25mm x 216mm x 13mm)

## Typical Application



Note: Danfoss recommends a minimum of two ground sensors per heating zone.

## Ordering Information

Part No.	Description
088L3412	GX 850 Automatic Control Panel (ACP)
088L3415	GX 850M Snow Melt Controller
088L3051	Ground Sensors (two per package)
088L3052	Roof Sensor (includes 50 ft. lead wire)

## Warranty

Danfoss offers a two year limited warranty covering defects in workmanship and materials.

## Technical Services

For technical questions, please contact Danfoss Heating Division North America at **1-888-326-3677**. More information on Danfoss Electric Heating products is available at **www.LX.Danfoss.com**.

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