

## GUT-1 | Outdoor Gutter Snow & Ice Sensor

### Features & Benefits

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- Electronic Snow and Ice sensor for gutter installations
- Compatible with Frio S1-A-0002 and Frio S1-A-0001 Heat Trace Controllers.
- Requires 24VAC power supply
- Rust free, cylinder shaped metallic design
- 4 wire installation – 30 ft. cable supplied with the sensor



### Description

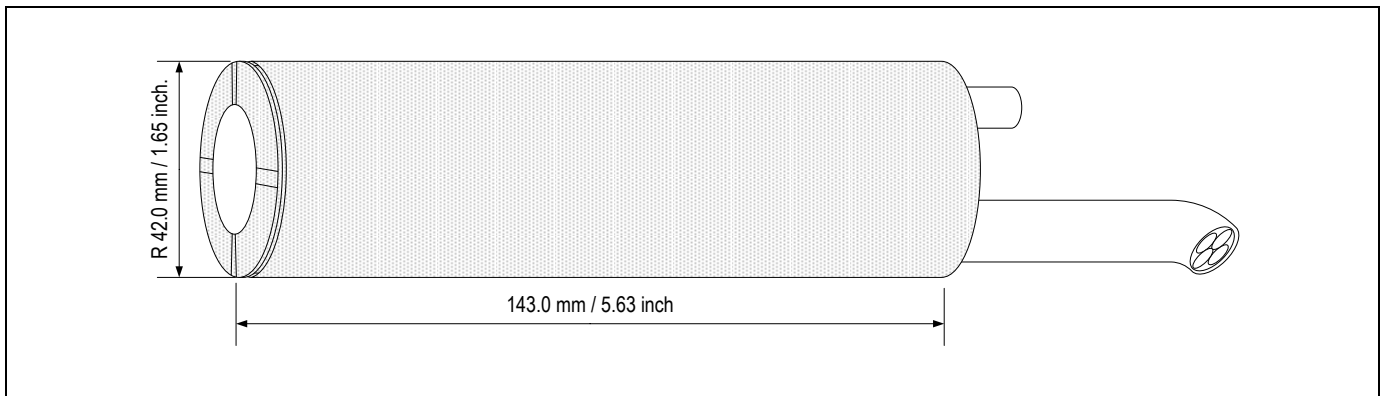
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The GUT-1 is a reliable Snow and Ice sensor for roof and gutter installations. Installed outdoors it measures the temperature and detects snow, sending the information via the Frio S1-A controller to the heating system.

The GUT-1 is connected to the Frio S1-A controller via a junction box (SM-JB1) with a 30 feet (10 m.), 24V 4 wires cable. The sensor provides a temperature value and snow detection based on pre-configured parameters. The non-rusting metallic cylinder shape design helps to assure reliable Snow/Ice detection as it prevents from the snow to accumulate around the sensing area.

The Frio S1-A system can work with up to 6 total GUT-1 or AER-1 Snow Sensors.

## GUT-1 | Outdoor Gutter Snow & Ice Sensor Dimensions



## Technical specifications

<b>Enclosure Protection</b>	IP65, Outdoor Mounting	<b>Supply</b>	24VAC±20%,50-60Hz
<b>Entries</b>	33 ft. (10 m) Four wires cable: 2x18AWG power supply wires 2x22AWG communication wires	<b>Communication</b>	RS485
<b>Material</b>	Metal: Stainless steel	<b>Operating temp.</b>	-40°F to 122°F (-40° C to 50°C)
		<b>Storage temp.</b>	-50°F to 158°F (-40°C to 70°C)

The performance specifications are nominal and conform to acceptable industry standards. For applications at conditions beyond these specifications, consult Frio Controls or representative. Frio Controls shall not be liable for damages resulting from misapplication or misuse of its products. This document is subject to change without any notice.

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