

PYROSENSE-GUTTER | Outdoor gutter Snow & Ice Sensor

Features & Benefits

- Electronic Snow and Ice sensor for gutter installations
- Energy Efficient algorithm
- 24VAC operated
- Rust free, cylinder shaped metallic design
- Up to 2 PYROSENSE-GUTTER sensors can be chained into one PYROCON19 controller + pavement and aerial sensors
- 4 wires installation – 30 ft. cable supplied with the sensor
- Simple user interface for parameters set from PYROCON19 controller
- Adjustable Temperature Set-point and RH sensitivity from PYROCON19 controller
- Technician testing / commissioning mode for easy and fast system test all year long (even during summer or at high temp)



Description

The PYROSENSE-GUTTER is a stylish, smart and reliable Snow and Ice sensor for roof and gutter installations. Installed outdoors it measures the temperature and detects snow, sending the information via the PYROCON19 controller to the heating system.

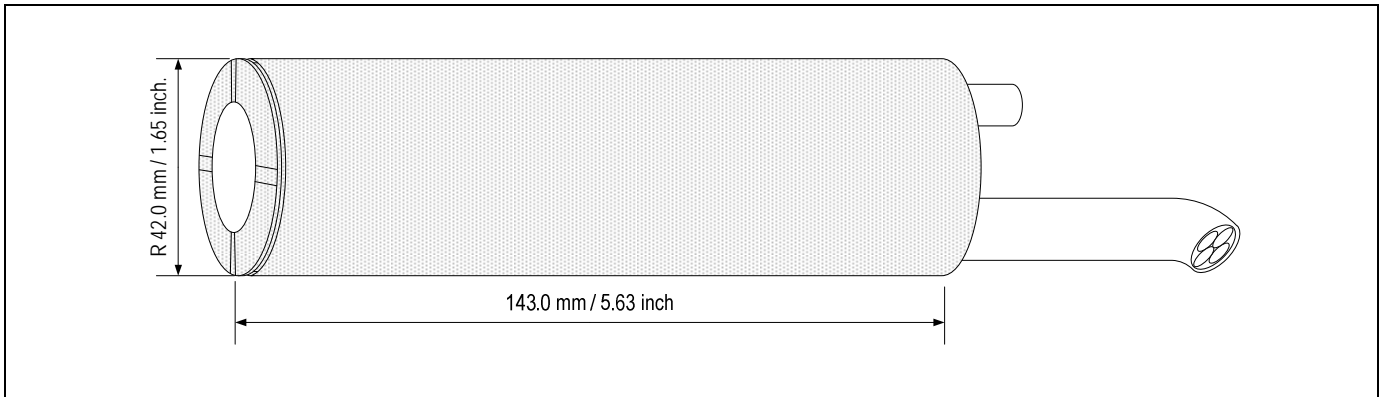
The PYROSENSE-GUTTER is connected to the Snow Melting Controller (PYROCON19) with a 30 feet (10 m.), 24V 4 wires cable and communicating with the controller, providing the temperature value and the snow detection based on the adjustable parameters. The non-rusting metallic cylinder shape design helps to assure reliable Snow/Ice detection as it prevents from the snow to accumulate around the sensing area. The measured temperature and the snow detection are visible on the backlit LCD display of the PYROCON19 controller.

The PYRO system can work with up to 2 PYROSENSE-GUTTER Snow Sensors chained one after the other plus 2 pavement sensors and/or 4 aerial sensors.

There is no need for pre-defined address for each of the sensors and the address of each sensor can be modified after the connection to the system via the PYROCON19. Each snow sensors must have different MAC (Media Access Control) address in order to communicate with the main board.

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Dimensions



Technical specifications

Enclosure Protection	IP65, Outdoor Mounting	Supply	24VAC±20%,50-60Hz
Entries	33 ft. (10 m) Four wires cable: 2x18AWG supply wires 2x22AWG communication wires	Communication	RS485
Material	Metal: Stainless steel	Operating temp.	-40°F to 122°F (-40° C to 50°C)
		Storage temp.	-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 the local Meitav-tec office or representative. Meitav-tec shall not be liable for damages resulting from misapplication or misuse of its products.

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