

PYROULS | Upper Limit Temperature Sensor

Features & Benefits

- Isolated NTC temperature thermistor
- 10K• @ 25°C
- 30 feet cable
- 24VAC
- Rated Voltage – 300V
- Semi rigid – enables to be pushed into conduit
- Cable outer jacket color - Black
- Simple user interface for parameters set from PYROCON12 controller
- Technician testing / commissioning mode. Enables reading actual value



Description

The PYROULS is an Upper Limit Temperature sensor, installed under the surface and measure the ground temperature. The temperature value sensed by the PYROULS if used by the PYROCON12 Snow Melting controller in its algorithm for energy saving operation of the snow melting system.

The PYROULS is connected to the Snow Melting Controller (PYROCON12) with a 30 feet (10 m.), 2 wires cable coated in a semi rigid polymeric material. The Semi rigid flexible cable enable the technician and installer to push the sensor into a long conduit without getting bended.

The temperature value of the PYROULS can be observed by the technician (in the Technician mode parameters of the PYROCON12) and the location of the sensor can be adjusted, based on the real-time reading.

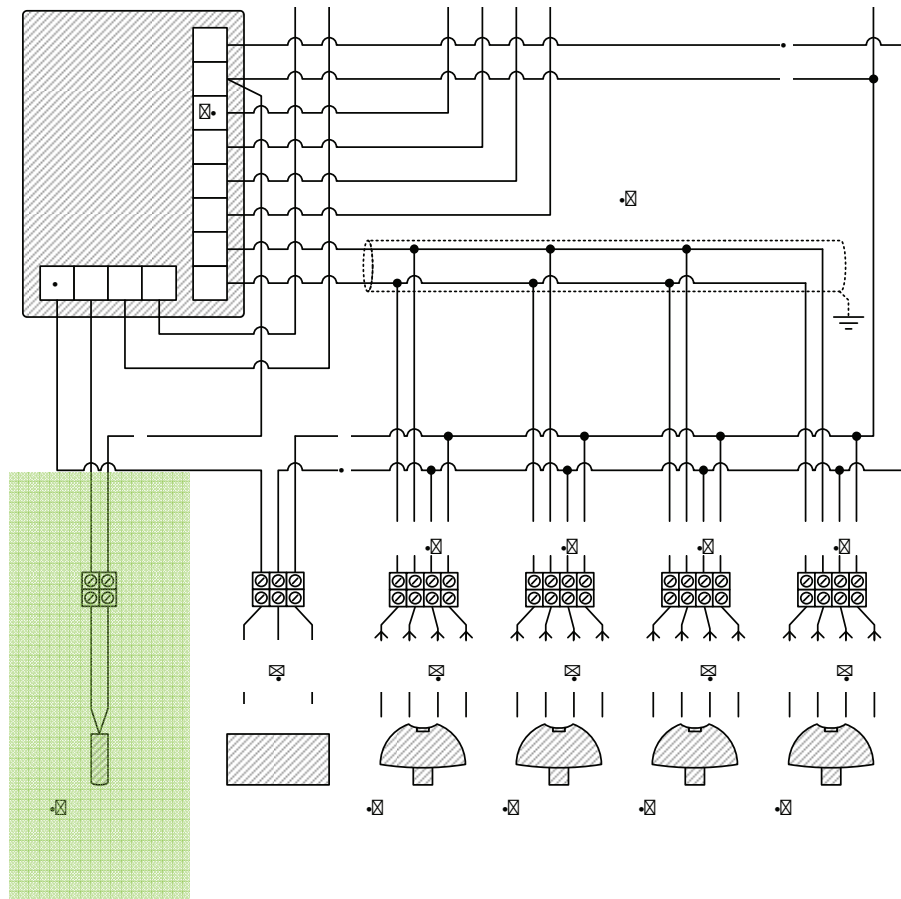
In case of damage in the PYROULS (due to external force such as digging or drilling in the ground, damaging the cable), a warning notice on the PYROCON12 LCD will indicate that the PYROULS is damaged and can be replaced .

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Technical specifications

Cable length	33 ft. (10 m) two conductor cable	Resistance	10K. @ 25°C
installation	Underground inside a conduit	Operating temp.	-40F to 68F (-40°C to 20°C)
Material	Sensor – NTC thermistor Cable jacket – TPE	Storage temp.	-50F to 220F (-40°C to 105°C)

Electric Diagram – connection to the PYRO-X system



The performance specifications are nominal and conform to acceptable industry standards.
This document is subject to change without any notice.