

Immersion regulation thermostat K373Y021

Datasheet
0464EN 12/2019



The K373Y021 is a regulation thermostat for use in a boiler room, INAIL-approved.

The device is an immersion one (with a sensitive bulb to be inserted in the housing).

It is a regulating device that works automatically: when the water temperature set on the graduated knob (on the front, with a range of 0÷90 °C) is reached, the heat flow from the generator is interrupted.

The flow restarts automatically when the water temperature falls below the set value.

NOTE. Thermostat K373Y021 complies with the regulations of INAIL "R" collection - Technical application specifications of Title II of Ministerial Decree 1.12.75 (Italy).

➤ Versions and product codes

PRODUCT CODE	CONNECTION
K373Y021	1/2"NPT-M

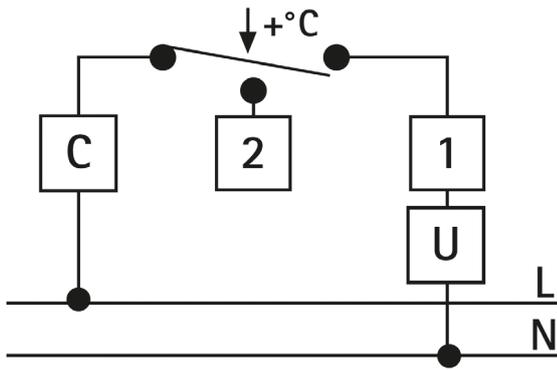
➤ Compliance

- Compliance with standards EN 60730-1 e EN 60730-2-9
- Compliance with Directive 2014/35/UE (Low Voltage)
- Compliance with Directive 2014/30/UE (Electromagnetic Compatibility)
- CE mark
- Compliance with Directive "PED" 2014/68/UE
- INAIL-approved.

➤ Technical data

- Tolerance: ± 3 K
- Differential: 4 ± 1 K
- Thermal gradient: < 1 K/min
- Time constant: < 1 min
- Max. head temperature: 80 °C
- Max. bulb temperature: 125 °C
- Bulb length: 97 mm
- Housing (included): 1/2"NPT-M; length 100 mm
- Max. working pressure 10 bar
- Temperature regulation through the knob: 0÷90 °C
- Output contacts (interruption or switchover)
- Contact capacity: 10 (2,5) A/250 V (contact 1)
6 (2,5) A/250 V (contact 2)
- Fairlead: M20 x 1,5 mm
- Protection degree: IP40
- Insulation class: I
- Storage temperature: -15÷55 °C

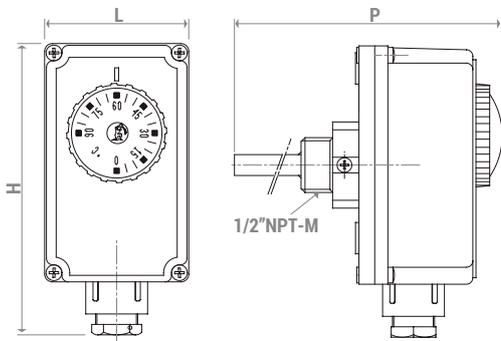
Electrical connections



TERMINAL	FUNCTION
1	Opens the circuit with the increase in temperature
2	Closes the circuit with the increase in temperature
C	Common input

⚠ WARNING. The device must be installed and wired up by specialised personnel only, scrupulously respecting the current safety standards and legal requirements.

Dimensions



PRODUCT CODE	L [mm]	H [mm]	P [mm]
K373Y021	55	112	162

Product specification

K373Y021

Immersion regulation thermostat. Installation with sensitive bulb inserted in heating system pipes. Housing 1/2"NPT-M included. Max. working pressure 10 bar. Temperature regulation through the knob: 0÷90 °C. Max. head temperature: 80 °C. Max. bulb temperature: 125 °C. Dimensions: 55x112x162 mm (LxHxD). Compliance with standards EN 60730-1 e EN 60730-2-9. Compliance with Directive 2014/35/UE (Low Voltage). Compliance with Directive 2014/30/UE (Electromagnetic Compatibility). CE mark. Compliance with Directive "PED" 2014/68/UE. INAIL-approved.

⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

♻ Package Disposal. Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

ℹ Additional information. For more information, go to giacomini.com or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

♻ Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.