

R540I



Energy
Management

Immersion thermostat, radial or rear connection

Datasheet
1103EN 10/2022



Bimetallic immersion thermometer for measuring the water temperature.

Available in versions with radial or rear connection.

INAIL (I.S.P.E.S.L.) compliant.

➤ Versions and product codes

PRODUCT CODE	CONNECTION	TYPE OF CONNECTION	GRADUATED SCALE [°C]	HOUSING LENGHT [mm]
R540IY001	G 1/2" M	Rear	0÷120	50
R540IY002	G 1/2" M	Rear	0÷120	100
R540IY003	G 1/2" M	Radial	0÷120	50

➤ Technical data

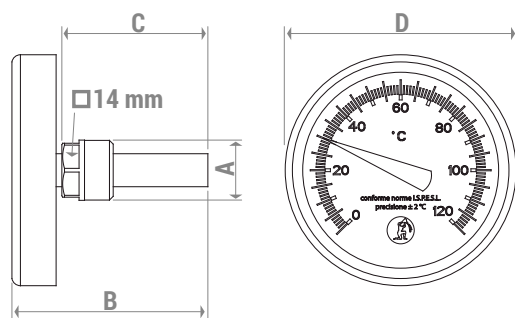
Performances and main features

- Max. working temperature: 120 °C
- Max. working pressure: 10 bar
- Dial diameter: 80 mm
- Accuracy class: Cl 2 (± 2 °C in relation to the indicated value)
- Protection degree: IP31
- INAIL (I.S.P.E.S.L.) compliant

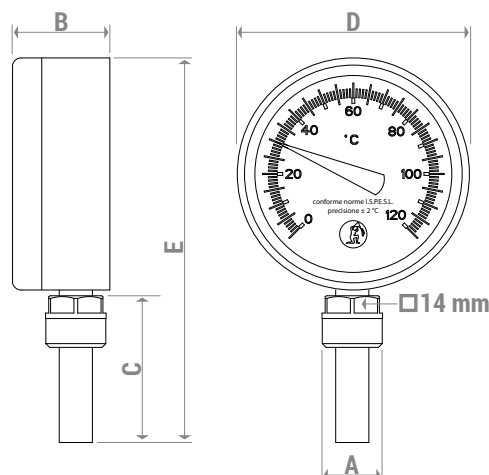
Materials

- Threaded connection: brass
- Housing: brass
- Cabinet and shan: galvanised steel
- Ring: chrome plated steel
- Window: glass
- Thermometric element with bimetallic spiral spring

➤ Dimensions



PRODUCT CODE	CONNECTION A	B [mm]	C [mm]	D [mm]
R540IY001	G 1/2" M	70	50	80
R540IY002	G 1/2" M	118	100	80



PRODUCT CODE	CONNECTION A	B [mm]	C [mm]	D [mm]	E [mm]
R540IY003	G 1/2" M	16	50	80	116

➤ Product specifications

R540I - rear connection

Bimetallic immersion thermometer with graduated scale (0÷120 °C) and black reference pointer. G 1/2" M rear connection. Cabinet and shank in galvanised steel. Ring in chrome plated steel. Glass window. Thermometric element with bimetallic spiral spring. Accuracy class Cl 2 (± 2 °C in relation to the indicated value). Protection degree IP31. Max. working temperature 120 °C. Max. working pressure 10 bar. Dial diameter 80 mm. Housing length 50 or 100 mm (depending on the product codes). INAIL (I.S.P.E.S.L.) compliant.

R540I- radial connection

Bimetallic immersion thermometer with graduated scale (0÷120 °C) and black reference pointer. G 1/2" M radial connection. Cabinet and shank in galvanised steel. Ring in chrome plated steel. Glass window. Thermometric element with bimetallic spiral spring. Accuracy class Cl 2 (± 2 °C in relation to the value indicated). Protection degree IP31. Max. working temperature 120 °C. Max. working pressure 10 bar. Ø80 mm. Housing length 50 mm. INAIL (I.S.P.E.S.L.) compliant.

⚠ 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.