



R225I

Description

Manometer for measuring the system pressure, with a graduated scale and black/red reference pointers. ABS cabinet and brass connection. Available in versions with 1/4" or 3/8" connection (radial or rear). INAIL (ISPESL) compliant.

Versions and product codes

Product code	Connection typology	Measuring range [bar]	Connec-tion	Accuracy class (UNI EN 837-1)
R225IY004	Rear	0 ÷ 6	1/4" M	1,6
R225IY005	Radial	0 ÷ 6	1/4" M	1,6
R225IY006	Radial	0 ÷ 10	1/4" M	1,6
R225IY007	Rear	0 ÷ 10	1/4" M	1,6
R225IY009	Radial	0 ÷ 4	3/8" M	2,5
R225IY010	Radial	0 ÷ 6	3/8" M	2,5
R225IY011	Radial	0 ÷ 10	3/8" M	2,5

Main characteristics

- Brass male connection
- Black ABS cabinet
- Dial with white face, black numbers/letters, and pointer stop on zero

Technical data

- Max. temperature: 110 °C
- Max. working pressure: *see measuring range*

Product specifications

R225I - Rear connection

Manometer. Graduated scale and black/red reference pointers. Black ABS cabinet and 1/4" M rear brass connection. Max. working temperature 110 °C. Measuring range (pressure): 0÷6 or 0÷10 bar (depending on the product codes). Accuracy class 1,6 (UNI EN 837-1). Dimensions 52x52 mm (ØxW). INAIL (ISPESL) compliant.

R225I - Radial connection

Manometer. Graduated scale and black/red reference pointers. Black ABS cabinet and 1/4" M or 3/8" M radial brass connection. Max. working temperature 110 °C. Measuring range (pressure): 0÷4, 0÷6 or 0÷10 bar (depending on the product codes). Dimensions 52x73x28 mm (ØxHxW) for 1/4" connection. Accuracy class 1,6 or 2,5 (UNI EN 837-1), depending on the product codes. Dimensions 52x79x28 mm (ØxHxW) for 3/8" connection. INAIL (ISPESL) compliant.

Dimensions

R225I - Rear connection

Product code	G	W [mm]	H [mm]	Ø [mm]
R225IY004	1/4" M	52	28	52
R225IY007	1/4" M	52	28	52

R225I - Radial connection

Product code	G	H1 [mm]	H [mm]	W [mm]	Ø [mm]
R225IY005	1/4" M	48	74	28	52
R225IY006	1/4" M	48	74	28	52
R225IY009	3/8" M	53	79	28	52
R225IY010	3/8" M	53	79	28	52
R225IY011	3/8" M	53	79	28	52



R540I

Description

Bimetallic immersion thermometer for measuring the water temperature. INAIL (ISPESL) compliant.

Versions and product codes

Product code	Connection tipology	Graduated scale [°C]	Connec-tion	Housing L [mm]
R540IY001	Rear	0÷120	1/2" M	50
R540IY002	Rear	0÷120	1/2" M	100
R540IY003	Radial	0÷120	1/2" M	50

Main characteristics

- Brass male connection (housing included)
- Cabinet and shank in galvanised steel
- Ring in chromium-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

Technical data

- Max. working temperature: 120 °C
- Max. working pressure: 10 bar

Product specifications

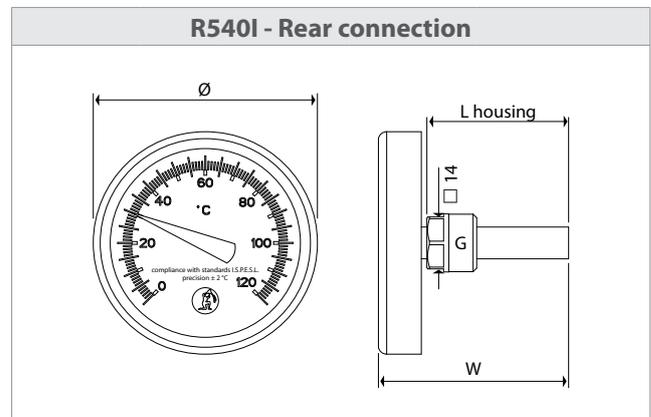
R540I - Rear connection

Bimetallic immersion thermometer. Graduated scale (0÷120 °C) and black reference pointer. 1/2" M rear connection. Cabinet and shank in galvanised steel. Ring in chromium-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 or 100 mm (depending on the product codes). INAIL (ISPESL) compliant.

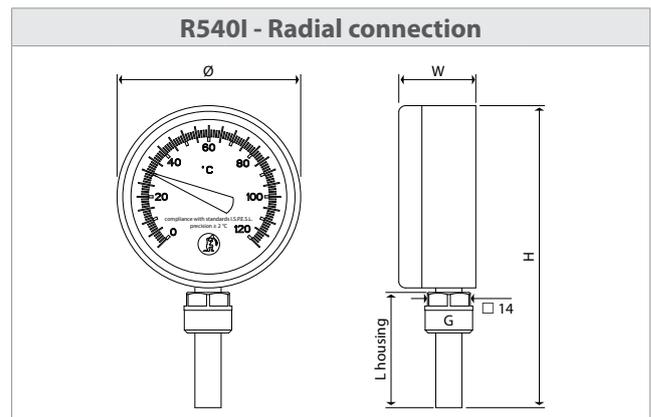
R540I - Radial connection

Bimetallic immersion thermometer. Graduated scale (0÷120 °C) and black reference pointer. 1/2" M radial connection. Cabinet and shank in galvanised steel. Ring in chromium-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 (ISPESL) compliant.

Dimensions



Product code	G	Ø [mm]	W [mm]	Housing L [mm]
R540IY001	1/2" M	80	70	50
R540IY002	1/2" M	80	118	100



Product code	G	Ø [mm]	W [mm]	H [mm]	Housing L [mm]
R540IY003	1/2" M	80	16	116	50



R228I

Description

3-way manometer-holder tap with flange for inserting the control pressure gauge for visual inspections. The pressure value can only be read by moving the tap knob. Available in versions of 1/4", 3/8" and 1/2". INAIL (ISPESL) compliant.

Versions and product codes

Product code	Connection
R228IY001	1/4"
R228IY002	3/8"
R228IY003	1/2"

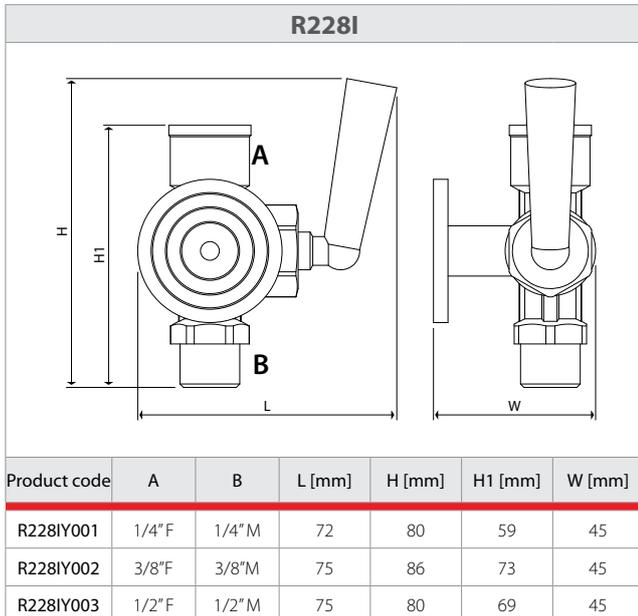
Main characteristics

- Tap body in brass
- Knob in plastic
- Flange for control pressure gauge, with cap

Technical data

- Max. working temperature 120 °C
- Max. working pressure 16 bar

Dimensions



R228A

Description

Damper coil for protecting the manometer against high pressure values. To be used together with the pressure gauge R225I and the pressure gauge holder tap R228I. Available in versions of 1/4", 3/8" and 1/2".

Versions and product codes

Product code	Connection
R228AY001	1/4" M-F
R228AY002	3/8" M-F
R228AY003	1/2" M-F

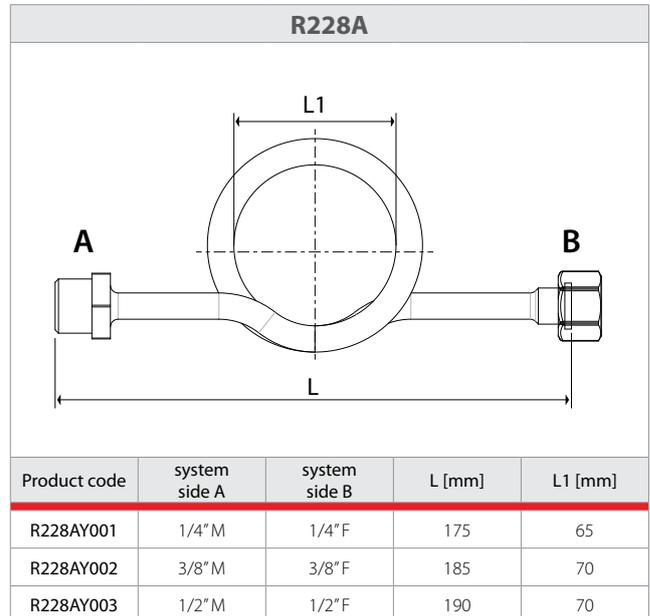
Main characteristics

- Male-female connection in nickel-plated copper
- Conduit in nickel-plated copper

Technical data

- Max. working temperature 120 °C
- Max. working pressure 25 bar

Dimensions




R227

Description

Brass housing for holding the INAIL sample thermometer during visual inspections. INAIL (ISPESL) compliant.

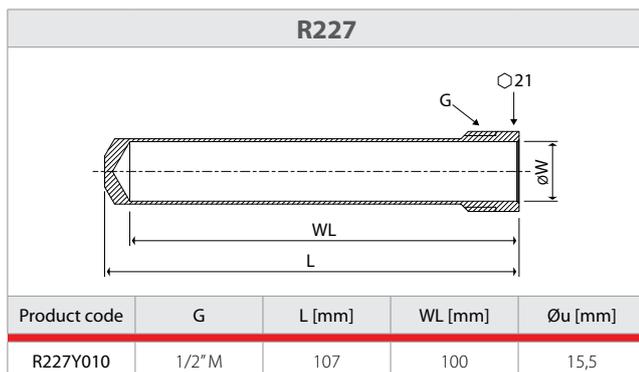
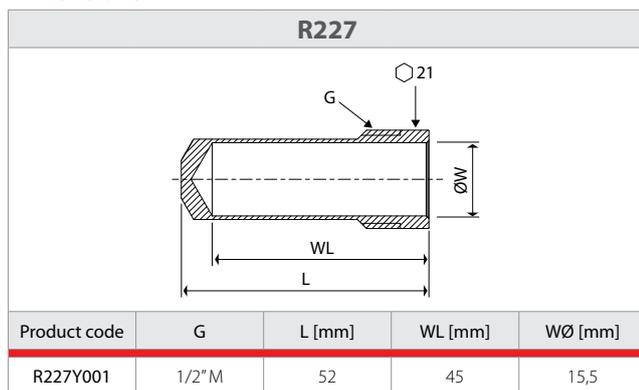
Versions and product codes

Product code	Connection	Housing L [mm]
R227Y001	1/2" M	45
R227Y010	1/2" M	100

Technical data

- Max. working temperature: 120 °C
- Max. working pressure: 16 bar

Dimensions



Product specifications

R228I

3-way manometer-holder tap with flange for inserting the control pressure gauge for visual inspections. Tap body in brass. Knob in plastic. Flange for control pressure gauge, with cap. Max. working temperature 120 °C. Max. working pressure 16 bar. Available in versions of 1/4", 3/8" and 1/2". INAIL (ISPESL) compliant.

R228A

Damper coil for protecting the manometer against high pressure values. To be used together with the pressure gauge R225I and the manometer-holder tap R228I. Conduit in nickel-plated copper. Male-female connection in nickel-plated copper, in versions of 1/4", 3/8" and 1/2". Max. working temperature 120 °C. Max. working pressure 25 bar.

R227

Brass housing for holding the INAIL sample thermometer during visual inspections. 1/2" M connection. Max. working temperature 120 °C. Max. working pressure 16 bar. Available with housing length 45 or 100 mm. INAIL (ISPESL) compliant.

Normative references

"R" collection

INAIL (I.S.P.E.S.L.) "R" collection for boiler room safety, protection and checks: italian D.M. 1.12.75.

PED

European Pressure Equipment Directive (97/23/EC).

Additional information

For further information, visit the website www.giacomini.com or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ consulenza.prodotti@giacomini.com
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