



Function

Thermo-manometers with bimetallic spiral for temperature and pressure measurement in heating systems, manifolds, etc.

Thermo-manometers feature a check valve and are available with axial or radial connection.

Technical data

Fluid temperature range:	0 ÷ 120 °C
Working temperature:	0 ÷ 120 °C
Pressure range:	0 ÷ 4 bar
Pressure class:	cl. 1.6
Degree of protection:	IP 31
Working fluids:	water in compliance with UNI 8065:2019

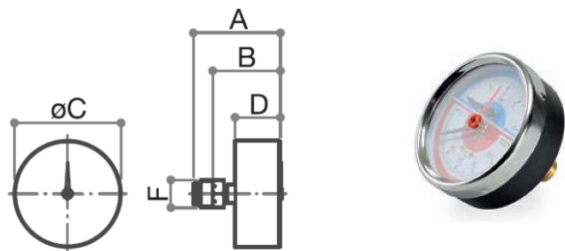
Materials

Case:	Black ABS
Ring:	Chrome-plated steel
Transparent material:	Kostil with red hand
Hands:	Black plastic
Dial:	White aluminium
Thermometric element:	Bimetallic spiral spring
Manometric element:	Copper alloy Bourdon spring
Welds:	Tin alloy for temperature -20 +90°C
Precision amplifier movement:	Watchmaking brass
Connection:	Brass, back, central, G1/4 M
Check valve:	Brass G1/4 F x G1/2 M

Dimensional Drawings

RTA 489

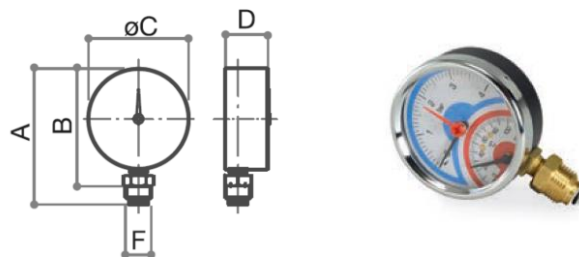
Axial thermo-manometer with fitting and check valve.



Code	Size	A	B	C	D	F
68559855	G 1/2	65	51	80	34	G1/2

RTR 490

Radial thermo-manometer with fitting and check valve.



Code	Size	A	B	C	D	F
68559856	G 1/2	108	94	80	34	G1/2

Item Specifications

RTA 489

Thermo-manometer. 1/2" M back connection. ABS case. With check valve seat. Composed by:

- Bimetallic thermometer. Temperature range 0° to 120°C. Ø 80 mm.
- Bourdon manometer. Precision class 1,6.

RTR 490

Thermo-manometer. 1/2" M radial connection. ABS case. With check valve seat. Composed by:

- Bimetallic thermometer. Temperature range 0° to 120°C. Ø 80 mm.
- Bourdon manometer. Precision class 1,6.



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