

Dial thermometers

PRODUCT GUIDE · VALVES-18

Dial thermometers provide local temperature indication using a stem positioned in the measured medium.

Application

Tanks, pipework and equipment temperature checks.

WIKA A52 / R52 — bimetal dial thermometers

Sensing element	Bimetal coil
Case and stem	Stainless steel
A52 dial sizes	25, 33, 40, 50, 63, 80, 100 and 160 mm
R52 dial sizes	63, 80, 100 and 160 mm
Stem arrangement	A52: back/axial; R52: lower/radial
Accuracy for 63–160 mm dials	Class 1 to EN 13190
Connection options	Plain stem, male thread, male nut, union nut or compression fitting; availability depends on size
Threaded standard insertion lengths	63, 100, 160, 200 or 250 mm
Case ambient temperature	–20 to +60°C
Ingress protection	IP43 for 50–160 mm dials; IP54 for 25–40 mm dials

Reference configuration only. Specifications apply to the named supplier series or model; the offered item and suitability are confirmed with the quotation. Select the scale and immersion length for the actual duty. Different dial sizes have different accuracy and stem-pressure limits.

Details to include in your enquiry

Temperature range and accuracy · Stem insertion length and connection · Thermowell and environmental requirements

Technical references

[WIKA TM 52.01 technical datasheet — open reference](#) · Product data sheet · Confirm current revision with quotation

[WIKA Australia A52 / R52 — open reference](#) · Manufacturer / supplier reference · Confirm current revision with quotation

Reference values apply only to the identified configuration. The offered model, dimensions, approvals and lead time are confirmed with your quote. Availability is subject to confirmation.