

STANDARD – PT100 / PT1000 HAND-HELD PROBE

Dimensions	Type	Measurement range	Description	ød (mm)
	WTF10	-50...+400°C	all-purpose probe for measurements of fluids and gases	3 4
	WTF11	-50...+300°C	probe for measurements of aggressive fluids (e.g. acids and bases), glass-thermowell	6
	WTF13	-50...+260°C	miniature probe for measurements of fluid and gases	3
	WTF14	-50...+260°C	boil proof probe for measurements of fluid and gases, silicone compensating cable, grip material: (PTFE (withe)	3 4
	WTF15	-50...+400°C	probe for measurements of fluids(only Pt100), the diameter of the sensitive part of the thermowell gets smaller to the top for improving the response time	4
	WTF16	-50...+400°C	robust probe for measurements of fluids and gases, silicone compensating cable, grip material: stainless steel	3 4
	WTF20	-50...+400°C	all-purpose probe for measurements of plastic and elastic masses, cone end central or angular	3 4
	WTF21	-50...+260°C	boil proof probe for food industry applications, cone end central or angular, silicone compensating line, grip material: PTFE (withe)	3 4
	WTF23	-50...+260°C	miniature probe for measurements of soft elastic or plastic masses, cone end central or angular	3
	WTF26	-50...+400°C	robust probe for measurements of plastic and elastic masses, cone and central or angular, silicone compensating line, grip material: stainless steel	3 / 4 6
	WTF30	-50...+400°C	probe for measurements on flat, metallic surfaces, spring-mounted sensor, only Pt100	4,5
	WTF35	-50...+260°C	Miniature sensor for measurement of plane, metallic surfaces, spring-mounted sensor, only Pt 100	4,5
	WTF40	-50...+200°C	probe for measurements of gases with dagged thermowell and exposed sensor resistor	5
	WTF41	-50...+200°C	miniature probe for measurements of gases with dagged thermowell and exposed sensor resistor	3

TECHNICAL DATA

The sensors are available in class B (normal tolerance), class A (halfe tolerance) and 1/3 DIN B (at 0°C) according to DIN EN 60751 in 4-wire connection. On Pt100-sensors an extended temperature range of -200...600/800°C is available. The stated operating temperature range refers to the sensitive part of the thermocouple probe. The maximum permissible temperature on the grip and the connector cable depends on the characteristics of the material (PVC and PS: 80°C, PA: 130°C, PTFE: 180°C, Silicon: 200°C). The compensating cable leght is 1,5m. All sensors are delivered with an Binder 719 connector. For other connectors, cable lenghts, cable types, thermowell lenghts or diameters please ask. Available thermowell diameters: 2 / 2,5 / 3 / 3,5 / 4 / 4,5 / 5 / 6 mm.