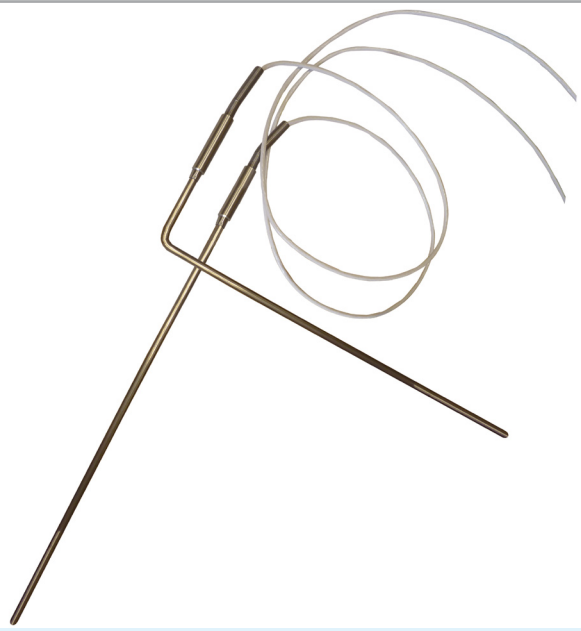


LTS 500

Working standard PRT, measuring range -200 ... 500 °C.
 Platinum resistance thermo PRT 100, 4 wire high quality and excellent stability. It is suitable for any application, from calibration tasks to in-situ measurements.
 It is suitable for any application, from calibrations tasks to in-situ measurements. Where required for high accuracy.
 These probes are the perfect complement to LDT 2000 to perform the best calibrations.



APPLICATIONS

Reference laboratories
 Calibrations compare
 Probes pattern for very exact services
 Precision work in-situ

HIGHLIGHTS

Temperature range -200 ... 500 °C
 Excellent precision and long term stability
 Standard model made to measure
 High stability
 Low drift
 Long life

General data

PT100 sensor accuracy / 4 wire
 Probe Inconel metal sheath 600
 Protected with a ceramic capsule
 Free design of mechanical stress

Options

Carrying case
 Other sizes available
 ENAC calibration certificate
 Connection cable 2 m Teflon-coated
 LTS 500 is supplied with FA DIN 6-pin plug for accuracy indicator LDT 2000 or bare wires with gold plated

Technical data

Temperature range	-200 ... 500 °C
Resistance 0 °C	100 Ω EN 60751: 2008 class B
Measuring current recommended	1 mA
Temperature coefficient	0.003850 Ω / Ω / °C or 0.003925 Ω / Ω / °C
Stability	R0 typical drift <0.008 °C after 1000 hours at 500 °C
Thermal shock	R0 typical drift <0.005 °C after 100 times from 25 to 500 °C
Dimensions	Diameter pod 6.34 mm, length pod 400 mm or in the shape of L (elbow 90 °C) 170 mm + 100 mm

