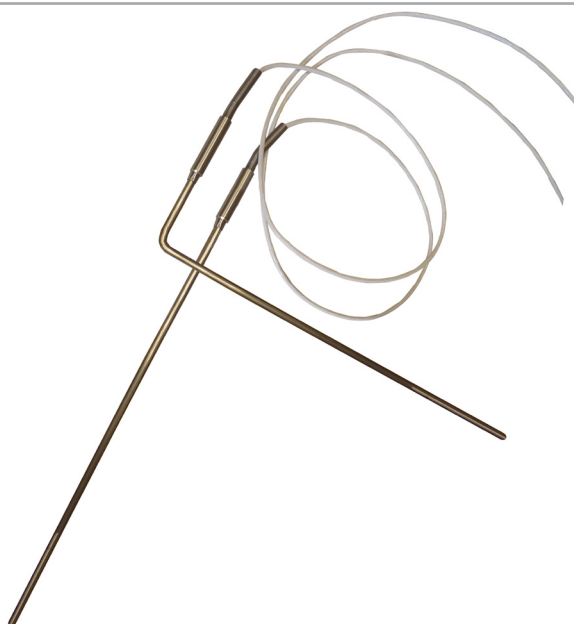


# LTS 300

Working standard PRT, measuring range -200 ... 300 °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 ... 300 °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 300 is supplied with FA DIN 6-pin plug for accuracy indicator LDT 2000 or bare wires with gold plated

### Technical data

<b>Temperature range</b>	-200 ... 300 °C
<b>Resistance 0 °C</b>	25.5 Ω / 100 Ω EN 60751: 2008 class B
<b>Measuring current recommended</b>	1 mA
<b>Temperature coefficient</b>	0.003850 Ω / Ω / °C or 0.003925 Ω / Ω / °C
<b>Stability</b>	R0 typical drift <0.001 °C after 1000 hours at 300 °C
<b>Thermal shock</b>	R0 typical drift <0.001 °C after 100 times from 25 to 300 °C
<b>Dimensions</b>	Diameter pod 6.34 mm, length pod 400 mm or in the shape of L (elbow 90 °C) 170 mm + 100 mm

