

# TEMPERATURE CONTROLS PTY LTD

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THERMOCOUPLES \* RTD SENSORS \* THERMOWELLS \* EXTENSION CABLES \* LEVEL SWITCHES

Ref: 1175a E+H

## CERTIFICATE OF TEST RTD PT100 CLASS A SENSOR

**Test Procedure:** The RTD PT100 SENSOR was checked against a certified precision mercury in glass thermometer range  $-2^{\circ}\text{C}$  to  $302^{\circ}\text{C}$  thermometer No: B6515 Report No: 63598/B9483. The RTD PT100 SENSOR was fully immersed in a controlled stirred and stabilised calibration bath containing either Water or Dow Corning 200 fluid or Isotech dry block calibration bath

**Comment:** The RTD PT100 SENSOR was checked at  $25^{\circ}\text{C}$ ,  $50^{\circ}\text{C}$ ,  $75^{\circ}\text{C}$  and  $100^{\circ}\text{C}$  + LOOP over the temperature range  $0 - 100^{\circ}\text{C}$ , and is within Class A Tolerance of  $\pm 0.06\%$

**Tag No:** 3 x Tag No. 6301642  
**Order Number** 36303185

**Comment:** The accuracy of the RTD PT100 SENSOR was checked against a certified GLA 6500 calibrator

**Uncertainty:** The estimated uncertainty of measurements is  $\pm 0.5^{\circ}\text{C}$ .

**Date of Test:** 25/09/06

**Presented To:** ENDRESS + HAUSER

Signed

Testing Officer  
Michael Donnelly