

TEMPERATURE CONTROLS PTY LTD

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HERMOCOUPLES * RTD SENSORS * THERMOWELLS * EXTENSION CABLES * LEVEL SWITCHES

Ref: 1054

CERTIFICATE OF TEST TC1/RTD 2 WIRE LOOP POWERED HEAD MOUNTED TRANSMITTER 4-20mA OUTPUT

Test Procedure: The TC1/RTD was checked against NATA traceable 7552 Digital Multimeter Yokogawa NATA Traceability # STM2988 and Beanex TC305 NATA Traceability # 54616.

The TC1/RTD is checked to ensure the LED illuminates. The zero and span is adjusted to within $\pm 10\mu\text{A}$ at test. Load test output 600Ω @24Vdc, variation $< 0.2\%$.

Test: Results: TC1/RTD 100A
Test temperature 0%; 25%; 50%; 75% and 100%
Temperature Range (as specified)

Output linearised to temperature (Accuracy better than $\pm 0.1\%$ of span)

Serial / Tag No: As per attached Tag numbers items 1 – 97, 115 & 116

Comment: TC1/RTD is within accuracy specification of $\pm 0.1\%$ of temperature span.

Date of Test: 26 July 2007

Customer:

Order No:

Temperature Controls P/L is a quality endorsed Company with Quality Assurance Services Certificate number QEC 14412 AS/NZS ISO 9001:2000 Quality Management Systems

Michael Donnelly
Testing Officer