



STANDARD THERMOCOUPLE CONSTRUCTION

- For standard operating temperature range, refer to Calibration Options table
- Cold junction (pot) is rated to 105°C
- Tails are 75mm long PVC as standard
- No process fitting (compression fittings can be supplied, please specify)
- Simplex construction
- Thermocouples are ungrounded mineral insulated cable in:
 - (K) - 310 stainless steel sheath
 - (J, T)- 316 stainless steel sheath ②
 - (N) - Inconel 600 or Pyrosil

CALIBRATION OPTIONS

- K type (to 1100°C)
 - J type (0°C to 750°C)
 - T type (-200°C to 400°C) ②
 - N type (to 1150°C)
- {refer to quote for selection}

ADDITIONAL REQUIREMENTS

If variations from the standard construction, or additional features are required, please specify.

Options include:

- Different temperature ranges
- Grounded or exposed junctions
- Sheath material
- Higher temperature required at cold junction

2	DR	18/05/07	400°C WAS 200°C, TOLERANCES ADDED TO BORDER DETAIL J STANDARD SHEATH 316 SS WAS 310 SS
1	GC/DR	SEPT 06	RE-DRAWN & RE-ISSUED
0	CL/RG	JUL 05	2nd ISSUE
APP	R.G	JAN 05	STANDARD TOLERANCES: 0 - 1000 ± 5 1000 - 2500 + 5 / - 15 2500 + ± 1.5 % ALL DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED This drawing remains the property of ECEFast. It is subject to recall, and must not be reproduced in part, or in whole, or its contents passed to third parties without prior written consent.
CKD	G.C.	NOV 04	
DWN	C.L.	MAR 04	
	NAME	DATE	



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MELBOURNE
SYDNEY
BRISBANE
GLADSTONE (QLD)

AUCKLAND (NZ)

TEMP SENSOR
TYPE J, K, T, N
75mm PVC TAILS
NO PROCESS FITTING

TS-16-CAT

ECE Dwg No.

Revision:

2

Units: mm
Scale: NTS