



#### STANDARD THERMOCOUPLE CONSTRUCTION

- For standard operating temperature range, refer to Calibration Options table
- Cold junction (pot) is rated to 105°C
- Lead is 2m long PVC/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

3	DR	SEPT 08	TAILS DEFINED AFTER LEAD
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
APP	R.G.	JAN 05	<b>STANDARD TOLERANCES:</b> 0 - 1000 ± 5 1000 - 2500 + 5 / - 15 2500 + ± 1.5 % <b>ALL DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED</b> 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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**TEMP SENSOR**  
TYPE J, K, T, N  
2m LEAD  
NO PROCESS FITTING

**TS-18-CAT**

ECE Dwg No.

Revision:

3

Units: mm  
Scale: NTS