



STANDARD THERMOCOUPLE CONSTRUCTION

- For standard operating temperature range, refer to Calibration Options table
- Cold junction is rated to 100°C
- Standard plug (male) is provided as standard. Suits type of thermocouple wire selected
- 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 sheath

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	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.
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TEMP SENSOR
 TYPE J, K, T, N
 STANDARD PLUG CONNECTOR
 NO PROCESS FITTING

TS-20-CAT	
ECE Dwg No.	2
Revision:	2
Units:	mm
Scale:	NTS