



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 teflon as standard
- Process fitting is fixed 1/2" - 1/2" BSP 316 stainless steel fitting, fixed location, Taper/Parallel
- Simplex construction
- Thermocouples are ungrounded mineral insulated cable in:
 - (K) - 310 stainless steel sheath
 - (J, T)- 316 stainless steel 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 %
CKD	G.C.	NOV 04	ALL DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED
DWN	C.L.	MAR 04	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.
	NAME	DATE	



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MELBOURNE
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TEMP SENSOR
TYPE J, K, T, N
1/2" x 1/2" BSP SS FIXED
75mm TEFLON TAILS

TS-17-CAT

ECE Dwg No.

Revision:

2

Units: mm
Scale: NTS