



STANDARD THERMOCOUPLE CONSTRUCTION

- For standard operating temperature range, refer to Calibration Options table
- Cold junction is rated to 100°C
- Mini 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
CKD	G.C.	NOV 04	
DWN	C.L.	MAR 04	
	NAME	DATE	

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

TS-19-CAT	
ECE Dwg No.	
Revision: 2	Units: mm Scale: NTS

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