

**TEMPSENS**

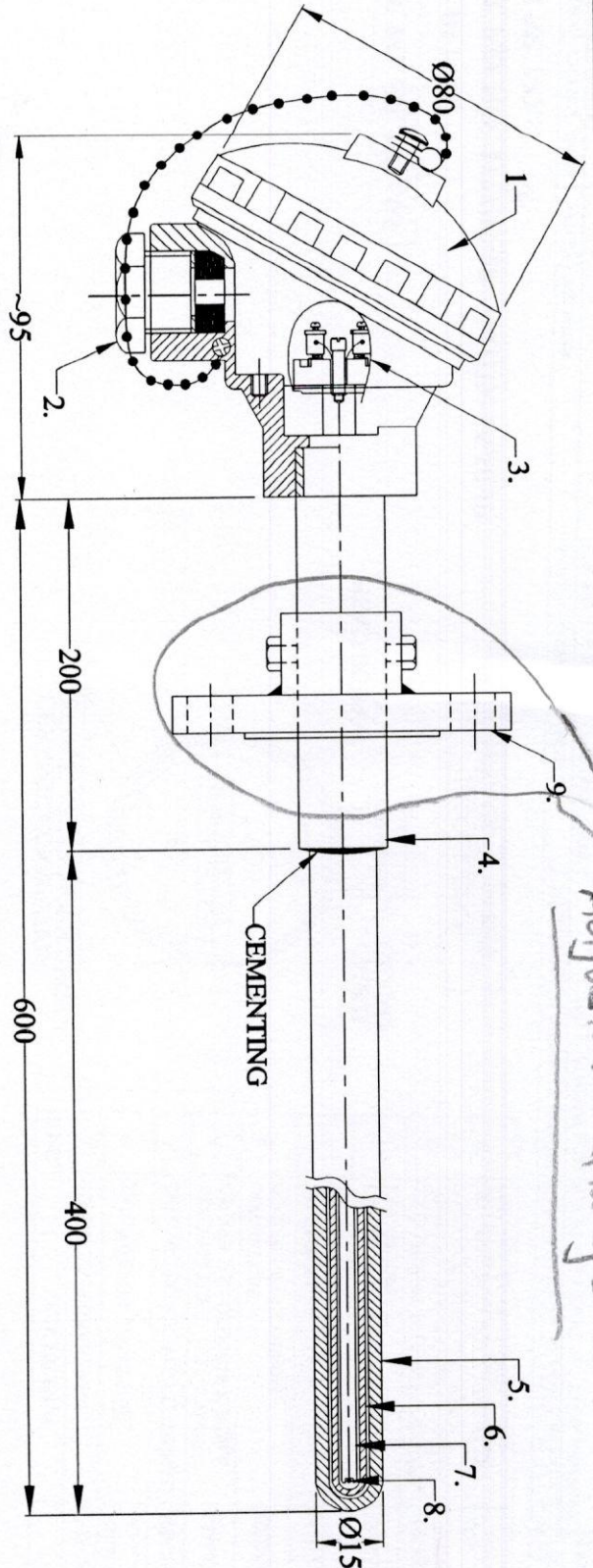
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DIR.

FILE NAME :

NOTE: ALL DIMENSIONS ARE IN mm  
TOLERANCE  $\pm 0.2$  mm UPTO 10mm  
TOLERANCE  $\pm 1$  mm UPTO 100mm  
TOLERANCE  $\pm 5$  mm UPTO 1000mm ABOUT

ID.NO. FG 8215



CERAMIC CONNECTION BLOCK AFTER MOUNTING

HEAD BODY

CABLE GLAND

COLOUR CODE

(+) BLACK (-) RED

YOUR PO. SR. NO.: 03  
QTY.: 04 NOS.  
YOUR P.O. NO.: 1177/19-20 DTD.: 05.10.19  
ITEM SR. NO.:

S.NO.	DESCRIPTION	M.O.C
1.	CONNECTION HEAD IP - 67	DIE CAST ALUMINIUM
2.	CABLE GLAND, 1/2" NPT(M)	SINGLE COMP. BRASS NI-PLATED
3.	CERAMIC BLOCK WITH TERMINAL	BRASS NI-PLATED
4.	HOLDING TUBE:- (1/2" SCH.40S) OD X ID X L: $\varnothing 21 \times \varnothing 16 \times 200$ mm	SS-310
5.	OUTER TUBE:- OD X ID: $\varnothing 15 \times \varnothing 10$ mm	CERAMIC KER - 710
6.	INNER TUBE:- OD X ID: $\varnothing 8 \times \varnothing 5$ mm	CERAMIC KER - 710
7.	INSULATING TUBE: 2-HOLE, DIA. $\varnothing 3.5$ mm	CERAMIC KER - 710
8.	ELEMENT: PT-RH 13% PT-R TYPE, SIMPLEX, DIA: $0.45$ mm (4/- $0.05$ MM) 1" FLANGE ANSIB16.5 150#RF	PT-RH 13% PT
9.	OD: $\varnothing 108$ , PCD: $\varnothing 79.2$ , 4H- $\varnothing 15.7$ , THK: 14.2, RF- $\varnothing 50.8$ , RFT: 1.6mm	C.S.

REV. DRN.BY: CHD.BY: DATE: APP.BY: REMARKS

DRN.BY: JASVANT

CHD.BY: S.D.D.

PROJ.NO.: 43919

DEPT: DESIGN

SCALE: NTS

TEMPSENS INSTRUMENTS (I) PVT. LTD. UDAIPUR 313 003

DRG. NO. 19-8215/43919

REV. 0

TITLE: THERMOCOUPLE PT-RH 13% PT-R TYPE, SIMPLEX, UNGROUNDED, CAL: ANS/MC-96.1

CUSTOMER: M/s. ACE FURNACES PVT. LTD.

SHEET 1 OF 1

REV.





TEMPSENS

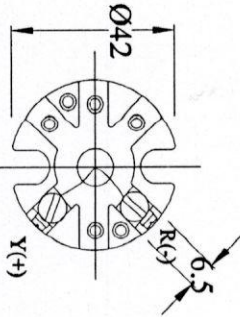
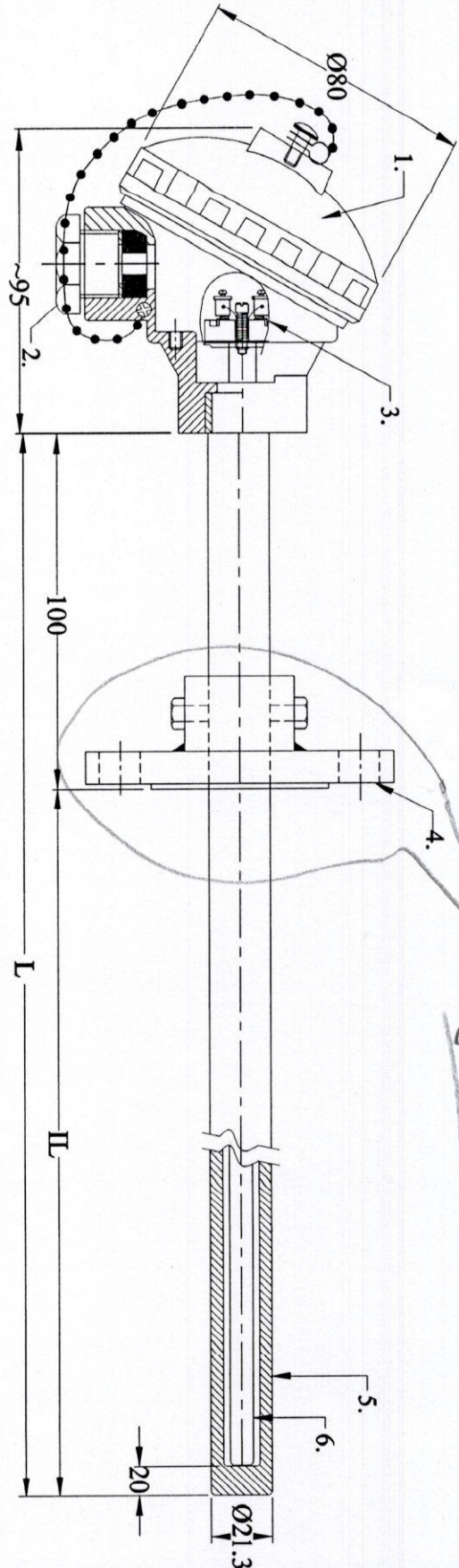
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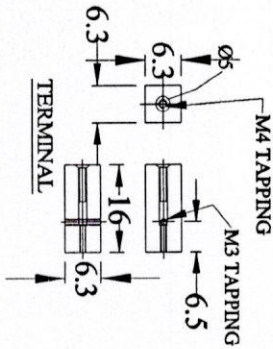
FILE NAME :

NOTE: ALL DIMENSIONS ARE IN mm  
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TOLERANCE  $\pm 1$ mm UPTO 100mm  
TOLERANCE  $\pm 5$ mm UPTO 1000mm ABOUT

ID.NO. FG 8214



TERMINALS & CERAMIC BLOCK



TERMINAL

CONNECTION DIAGRAM

COLOR CODE: (+) YELLOW, (-) RED

PO.S.NO.	IL (mm)	L (mm)	QTY.	ITEM SR. NO.
01.	600	700	01 NOS.	
02.	300	400	01 NOS.	

TEMP RANGE.: 0 TO 1000°C  
YOUR P.O. NO.: 1177/19-20 DTD.: 05.10.19



S.NO.	DESCRIPTION	M.O.C
1.	CONNECTION HEAD IP - 67	DIE CAST ALUMINIUM
2.	CABLE GLAND, 1/2" NPT (M)	SINGLE COMP. BRASS NI-PLATED
3.	CERAMIC BLOCK WITH TERMINAL SPRING LOADED	BRASS NI-PLATED
4.	1" FLANGE ANSIB16.5 150#RF, OD : Ø108, PCD: Ø79.2, 4-H-Ø15.7, THK: 14.2, RF: Ø50.8, RFT: 1.6mm	CS
5.	THERMOWELL: (FABRICATED) 1/2" SCH.80S, OD X ID: Ø21.3 X Ø13.8mm	SS 316
6.	INSET: CR/AL "K" TYPE, SIMPLEX, DIA.: Ø6mm	INCONEL-600

REV/ DRN.BY: CHD.BY: DATE: APP.BY: REMARKS

DRN.BY: JASTANT  
CHD.BY: S.D.D.  
APP.BY: S.D.D.  
DATE: 12/10/2019

PROJECTION

TEMPSENS INSTRUMENTS (I) PVT.LTD. UDAIPUR 313 003  
TITLE: THERMOCOUPLE CR/AL "K" TYPE, SIMPLEX,  
UNGROUNDDED, CALL: ANSI MC 96.1

DRG.NO. 19-8214/43919

PO.NO.: 43919

DEPT: DESIGN

SCALE: NTS

CUSTOMER: M/s. ACE FURNACES PVT. LTD.

SHEET 1 OF 1

REV.

DRN.BY.

CHD.BY.

APP.BY.

DATE

8

7

6

5

4

3

2

1

REV.

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