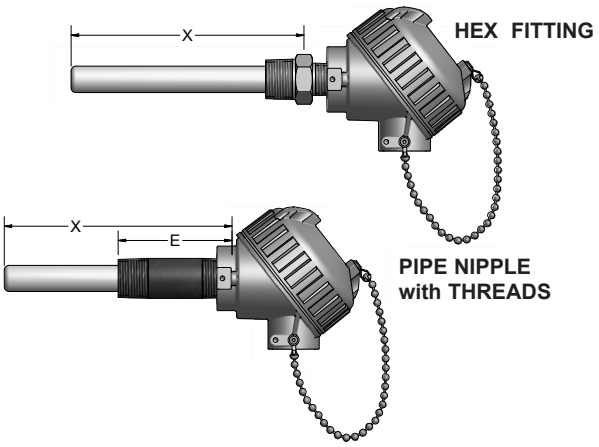
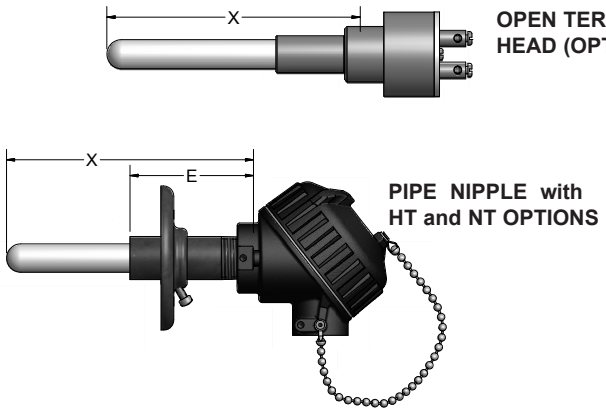
Configuration Code ID13

Thermocouple Assemblies with Ceramic Protection Tubes

The straight noble- and base-metal thermocouple assemblies, with Series 16 mullite and Series 17 alumina protection tubes, illustrated on this catalog page are those most commonly used in high temperature process heating applications. These assemblies are available with a variety of process mounting fittings and assembly options as listed below. Special construction designs are also available.





ORDER CODES

Example Order Number: **R24R - 17BH - 18 - 31, 8**

(1) (2) (3) (4) (4-1)

1 Thermocouple Type and Wire Gauge Size

CODE		
B24R R24R R26R S24R S26R	K8R[1] N8R[1] ***[1] Use only with 16C or 16W series tubes***	K11C[2] N14C[2] ***[2] Use only with 16B or 16C series tubes***
8 ga. duplex elements only available in W series tubes. For duplex T/C's, use element type twice. Example: RR24R		

2 Protection Tube

TUBE MATERIAL AND SIZE				
CODE		TUBE O.D. (inches)	NPT SIZE (inches)	PROCESS MOUNTING FITTING
MULLITE 1482 ºC [2700 ºF]	*ALUMINA 1871 ºC [3400 ºF]*			
16AH[1]	17AH[1]	3/8	1/2	Steel hex fitting
16A(E)[1]	17A(E)[1]	3/8	1/2	Steel pipe nipple (Specify "E" length)
16AF	17AF	3/8	None	7/8" O.D. x 2" L open head fitting
16BH	17BH	11/16	3/4	Steel hex fitting
16B(E)	17B(E)	11/16	3/4	Steel pipe nipple (Specify "E" length)
16BF	17BF	11/16	None	7/8" O.D. x 2" L open head fitting
16CH		3/4	3/4	Steel hex fitting
16C(E)		3/4	3/4	Steel pipe nipple (Specify "E" length)
16WH		7/8	1	Steel hex fitting
[1] All assemblies with a 3/8" O.D. tube should be ordered with an aluminum termination head.				

4 Head Terminations

CODE	DESCRIPTION
31	Aluminum screw-cover head
34	Cast-Iron screw-cover head
49	Flip-top aluminum head
91	316L SS screw-cover head
N	Open terminal head - R, S, B only (require AF or BF protection tubes)

4-1 Assembly Options

CODE	DESCRIPTION
SB	1/2" NPT conduit reducer bushing
GS	Ground screw
NT	No process threads on pipe nipple
HT	Threaded floor flange on nipple
I	Stainless tag
8	316SS nipple or hex tube fitting
H	Adjustable steel mounting flange

3 Tube "X" Length

LENGTH (inches)	LENGTH (inches)
12	30
18	36
24	
Specify other lengths in 1 inch increments.	