
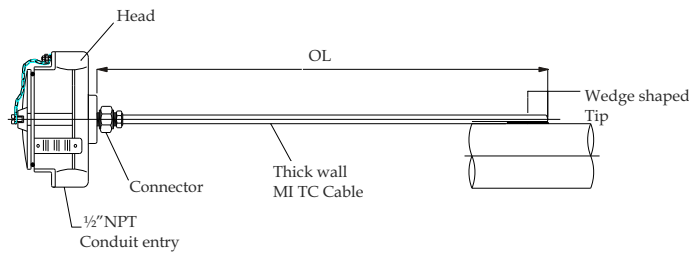




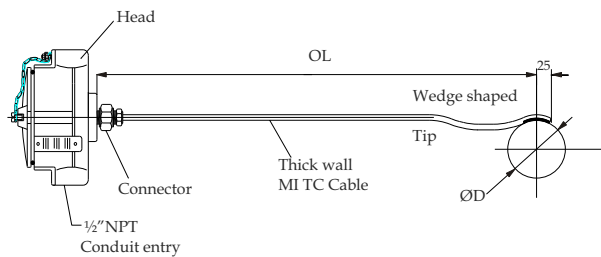
800# Series

Wedge Shaped (Knife Edge) Skin Thermocouples

- Almost accurate temperature measurement of :
Fired Heater tubes
Boiler Tubes
Reformer tubes
- Thick wall for longer usage life.
- Grounded hot junction in a "Wedge Shaped" tip for direct welding to tube surface.
- Certified for use in hazardous area. 
- Many Thermocouple Types and sheath materials to choose from.



INSTALLATION CODE 1



INSTALLATION CODE 2


Code	No of Elements	Code	Options		
1	Simplex	0	None		
2	Duplex	1	Head in 304SS		
		2	Head in 316SS		
		5	Other Conduit entry		
		6	In Head Transmitter		
		7	Brass Cable Gland		
		8	SS Cable Gland		
		10	Special requirement		
		31	Spring loaded cover		
		32	UnGrounded junction		
Code	Elements	Code	Tube OD		
J	Iron-Constantan	D	Define		
K	Chromel-Alumel				
E	Chromel-Constantan	Code	Overall Length		
N	Nicrosil Nisil	OL	Define OL=U+T+95		
Code	Sheath Dia	Nominal wire gauge		Code	Expansion Loop
		(S)	(D)	N	None
12.7	12.7mm	14AWG	16AWG	Code	Installation Type
10.0	10.0mm	16AWG	18AWG	1	Axial with tube
				2	Perpendicular to tube axis
Code	Sheath Material	Code	No of entries		
446	446SS	1	One entry		
310	310SS	2	Two entries		
Inc 6	Inconel 600				
Inc 8	Incoloy 800				
Code	Head Type				
D	Weatherproof				
F	Flameproof IIA/IIB				
C	Flameproof IIC				
JB	JunctionBox				

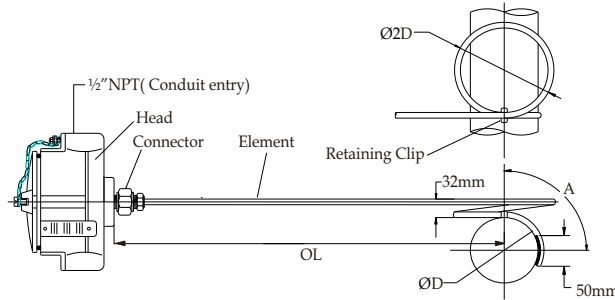
ORDERING EXAMPLE
800# SERIES 1-K-12.7-446-D-1-1-N-OL-D-Op0



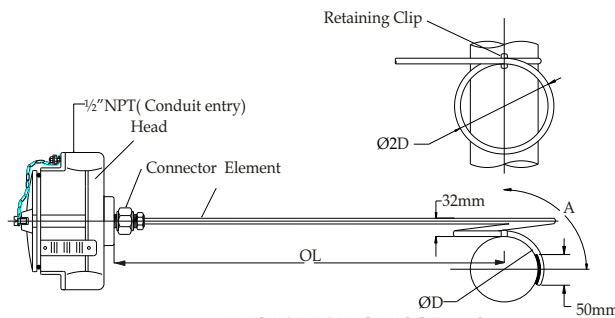
830# Series

Wedge Shaped (Knife Edge) Skin Thermocouples

- Almost accurate temperature measurements of :
Fired Heater tubes
Boiler Tubes
Reformer tubes
- Thick wall for longer usage life.
- Grounded hot junction in a "Wedge Shaped" tip for direct welding to tube surface.
- Certified for use in hazardous area. 
- Expansion loop furnished.
- Hot end designed to wrap round the tube
- Many Thermocouple Types and sheath materials to choose from.
- Retaining Clamp furnished.
Hot end designed to wrap round the tube



INSTALLATION CODE 11



INSTALLATION CODE 12

Code	No of Elements
1	Simplex
2	Duplex

Code	Elements
J	Iron-Constantan
K	Chromel-Alumel
E	Chromel-Constantan
N	Nicrosil Nisil

Code	Sheath Dia	Nominal wire gauge	
		(S)	(D)
12.7	12.7mm	14AWG	16AWG
10.0	10.0mm	16AWG	18AWG

Code	Sheath Material
446	446SS
310	310SS
Inc 6	Inconel 600
Inc 8	Incoloy 800

Code	Head Type
D	Weatherproof
F	Flameproof IIA/IIB
C	Flameproof IIC
JB	Junction Box

Code	Options
0	None
1	Head in 304SS
2	Head in 316SS
5	Other Conduit entry
6	In Head Transmitter
7	Brass Cable Gland
8	SS Cable Gland
10	Special requirement
31	Spring loaded cover
32	UnGrounded junction

Code	Tube OD
D	Define

Code	Overall Length
OL	Define OL=U+T+95

Code	Expansion Loop
Y	2 times the dia 'D'

Code	Installation Type
11	Perpendicular to tube axis with left loop and wrap around angle A=90°
12	Perpendicular to tube axis with right loop and wrap around angle A=90°

Code	No of Entries
1	One entry
2	Two entries

ORDERING EXAMPLE
830# SERIES 1-K-12.7-446-D-1-12-Y-OL-D-Op0