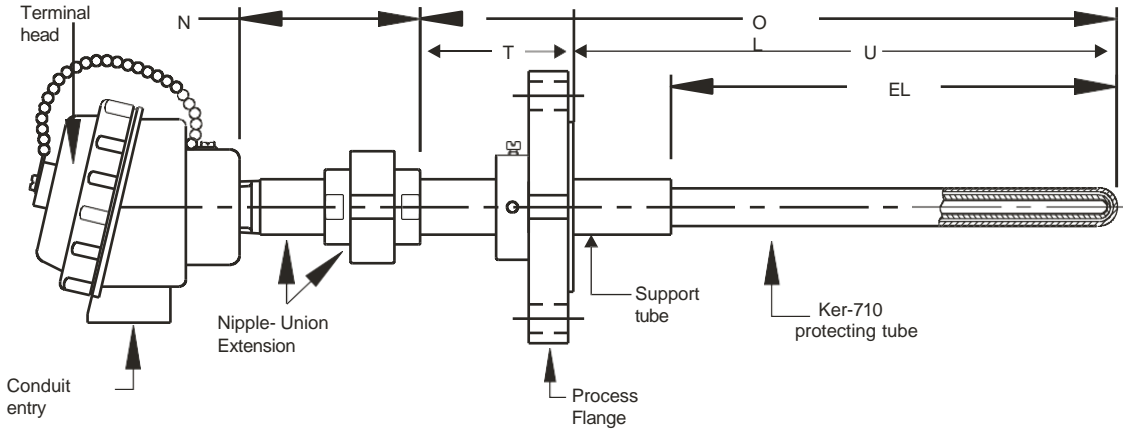


# THERMOCOUPLE ASSEMBLY WITH KER - 610/710 DOUBLE PROTECTION TUBE (FLANGED)

## SSKE32-13B



### SPECIAL

- Assembly with ker 710/610 tube for high temperature application.
- Thermocouple element is available in different wire size.
- Enclosures in all material - Die cast Aluminium / Cast Iron / SS 304 / SS 316
- Enclosures in all categories (Weatherproof, IP-65 to IP-68), Flameproof GR. IIA IIB and Explosionproof, GR. IIA IIB IIC for H<sub>2</sub> service application.

### APPLICATIONS:

- Temperature measurement of furnaces, combustion chambers, recuperators and similar applications.

### HOW TO ORDER

Code	Thermocouple Type
MI	Mineral Insulated Metal Sheathed
BE	TC Element With Ceramic Insulators (Beaded Element)

Code	No. Of Elements
1	Simplex
2	Duplex
3	Triplex

Code	Accuracy
CL1	Class 1 as per IEC - 584.2
CL2	Class 2 as per IEC - 584.2

Code	Elements
K	Chromel-Alumel
R	Plat. 13% Rhod. - Plat.
S	Plat. 10% Rhod. - Plat.
B	Plat. 6% Rhod. - Plat. 30% Rhod.
N	Nicrosil - Nisil
For duplex element, please indicate double letter, example KK.	

Code	Hot Junction Type
G	Grounded Junction
UG	Ungrounded Junction

Code	Sheath Diameter For MI. Thermocouple	Code	Wire Diameter For Beaded Element
3	3.0 mm	24 A	24 AWG
4.5	4.5 mm	20 A	20 AWG
6	6.0 mm	18 A	18 AWG
8	8.0 mm	16 A	16 AWG
10	10.0 mm	14 A	14 AWG
12	12.0 mm	8 A	8 AWG
Consult factory for other size.			

□ Reference standard :- IEC - 584.2

### STANDARD PRODUCT

Thermocouple Type	- Thermocouple Element With Ceramic Insulators (Beaded Element)
No of Elements	- Simplex
Accuracy	- Class 2 as per IEC - 584.2
Elements	- Plat. 13% Rhod. - Plat.
Hot Junction Type	- Ungrounded Junction
Wire Diameter for Beaded Element	- 24 AWG
Element Sheath Material	- None
Terminal Head Type	- Screwed type, weatherproof, IP-65 in die-cast Aluminium
No. Of Conduit Entries	- One
Conduit Entry Size	- 3/4" ET(F)
Extension Type	- Head Only
Support Tube Material	- SS 446
Inner Protecting Tube Material	- Recrystallised Alumina
Inner Protecting Tube Size	- 8x1.5 mm
Outer Prot. Tube Mtrl	- Recrystallised Alumina
Outer Protecting Tube Size	- 15x2.5 mm
Flange Material	- ASTM A105 (CS)
Flange Type / Size	- Adjustable Flange (1.5"150#RF)
Overall/Insertion/Exposed Length	- U=500/EL=300 mm
Extension Length "T" mm	- Not Applicable
Extension Length "N" mm	- Not Applicable
Option Description	- S.C. cable gland in nickel Plated brass

