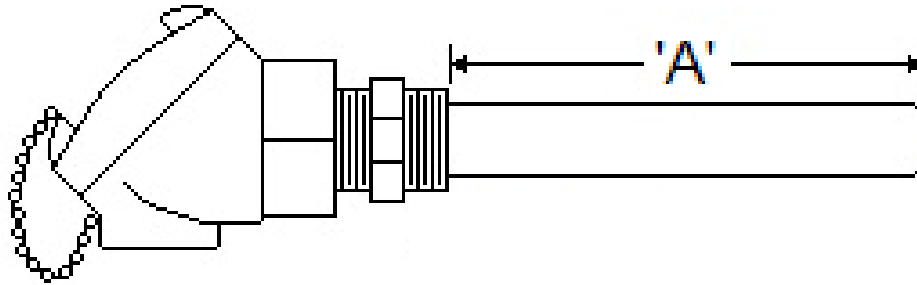


BASE METAL THERMOCOUPLES

Thermocouple Ordering Information

Industrial Assembly



Part #:

IA- **-PT-**

Calibration (Table 1) Wire Gauge (Table 2) Material (Table 3) Diameter (Table 4) Length (inches) SP* Process Fitting (Table 5) Cold End Termination (Table 6)

*SP = Special Limits of Error

If standard limits of error is desired, omit this field.

NOTE: For any additional modifications to this assembly, add "-MOD" to the end of the part number and provide a physical description of the modification.

Table 1
Calibration

P/N	Description
J	Type 'J'
K	Type 'K'
T	Type 'T'
E	Type 'E'
N	Type 'N'
X	Special

Table 2
Wire Gauge

P/N	Description
8	8 Gauge
14	14 Gauge
16	16 Gauge
18	18 Gauge
20	20 Gauge
X	Special

Table 3
Material

P/N	Description
1	Silicon Carbide
2	Mullite
3	Alumina
4	Inconel
5	304 SS
6	316 SS
7	310 SS
8	321 SS
9	446 SS
X	Special

Table 4
Diameter

P/N	Description
1	1/4" †
2	1/4" IPS †
3	3/8" *
4	3/8" IPS
5	1/2"
6	1/2" IPS
7	3/4"
8	3/4" IPS
9	1" IPS
X	Special

Table 5
Mounting Fitting

P/N	Description
A	1/4" NPT †
B	3/8" NPT †
C	1/2" NPT
D	3/4" NPT
E	1" NPT
F	1 1/4" NPT
G	1 1/2" NPT
H	None
X	Special

Table 6
Cold End Termination

P/N	Description
A	Cast Aluminum Head
B	Miniature Aluminum Head
C	Cast Iron Head
D	Polypropylene Head
E	Miniature Plastic Head
F	Explosion Proof Head
G	Canister Style Head
H	Terminal Block
X	Special

† = Not available on 8 or 14 gauge
* = Not available on 8 gauge

Example:

Single Element: IA-K14-PT-2-5-12-C-A

Industrial Assembly Style, Type 'K', 14 gauge, 1/2" OD Mullite Protection Tube, 12" active length, 1/2" NPT Process Fitting, Cast Aluminum Head.

Dual Element: IA-2K14-PT-2-5-12-C-A

Industrial Assembly Style, Type 'K', 14 gauge, 1/2" OD Mullite Protection Tube, 12" active length, 1/2" NPT Process Fitting, Cast Aluminum Head.

