



ThermoCouple Innovations, Inc

MGO Thermocouples



HOW TO CONSTRUCT A PART NUMBER

Table 2 (ANSI Designation)

JUNCTION TYPE	GROUNDED	UNGROUNDED	EXPOSED
Single	SG	SU	SE
Dual	GG	UU	EE
Dual Separate	N/A	US	ES

$$\begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} - \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} - \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} - \begin{array}{|c|c|c|c|} \hline & & & \\ \hline \end{array} - \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array} - \begin{array}{|c|c|c|} \hline & & \\ \hline \end{array}$$

CODE	03	04	10	20	30	40	50	60	70	80
SIZE	.032"	.040"	.062"	.090"	.125"	.188"	.250"	.312"	.375"	.500"

CODE	MATERIAL	TEMP. RATING
1	304 S. Steel	1650 F (899 C)
2	310 S. Steel	2100 F (1149 C)
3	316 S. Steel	1700 F (927 C)
4	Inconel 600	2100 F (1149 C)
5*	Hastelloy C	2300 F (1260 C)
6*	Molybdenum	4000 F (2200 C)

Example: 048C= 48-1/2"

CODE	A	B	C	D	E
FRACTIONS	0	¼"	½"	¾"	SPL

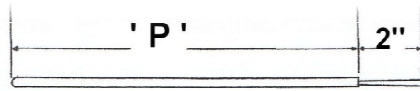
*NOT AVAILABLE IN SOME DIAMETERS

Table 7 “L” (Lead length if Applicable)

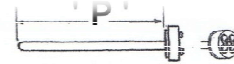
SPECIFY LENGTH INCHES
IF NOT NEEDED USE "000"

Table 8 (Options)

CODE
N = None
X = See Description



#100 MGO ELEMENT WITH STD 2" LEADS



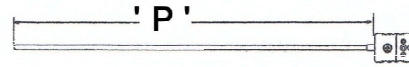
#120 CERAMIC WAFER HEAD (1000F)

#121 PVC WAFER HEAD (350F)



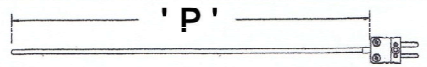
#130 STANDARD CONNECTING PLUG (400F)

#131 HIGHTEMP CONNECTING PLUG (660F)



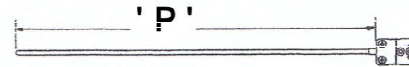
#140 STANDARD CONNECTING JACK (400F)

#141 HIGHTEMP CONNECTING JACK (660F)



#150 MINITAURE CONNECTING PLUG (400F)

#151 HIGHTEMP MINI CONNECTING PLUG (660F)



#160 MINITAURE CONNECTING JACK (400F)

#161 HIGHTEMP MINI CONNECTING JACK (660F)



#200 FIBERGLASS STRANDED WIRE

#201 FIBERGLASS WITH OVERBRAID

#202 TEFLON WIRE

#203 TEFLON WITH OVERBRAID



#210 FIBERGLASS STRANDED WIRE

#211 FIBERGLASS WITH OVERBRAID

#212 TEFLON WIRE

#213 TEFLON WITH OVERBRAID

STANDARD PLUG



STANDARD JACK

#220 FIBERGLASS STRANDED WIRE

#221 FIBERGLASS WITH OVERBRAID

#222 TEFLON WIRE

#223 TEFLON WITH OVERBRAID



MINI PLUG

#230 FIBERGLASS STRANDED WIRE

#231 FIBERGLASS WITH OVERBRAID

#232 TEFLON WIRE

#233 TEFLON WITH OVERBRAID



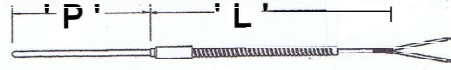
MINI JACK

#240 FIBERGLASS STRANDED WIRE

#241 FIBERGLASS WITH OVERBRAID

#242 TEFLON WIRE

#243 TEFLON WITH OVERBRAID



#250 FIBERGLASS WIRE IN FLEXIBLE S.S. ARMOR

#251 TEFLON WIRE IN FLEXIBLE S.S. ARMOR



STD. PLUG

#260 FIBERGLASS WIRE IN FLEXIBLE S.S. ARMOR

#261 TEFLON WIRE IN FLEXIBLE S.S. ARMOR



STD. JACK

#270 FIBERGLASS WIRE IN FLEXIBLE S.S. ARMOR

#271 TEFLON WIRE IN FLEXIBLE S.S. ARMOR