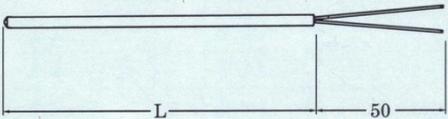
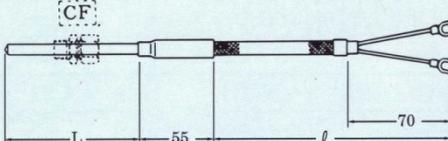
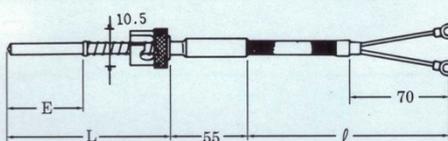
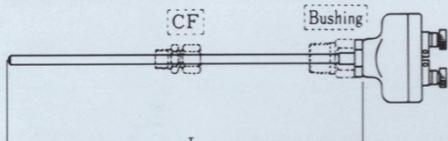
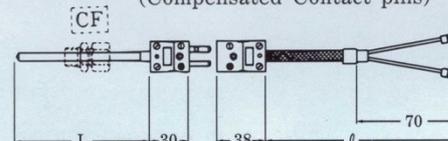
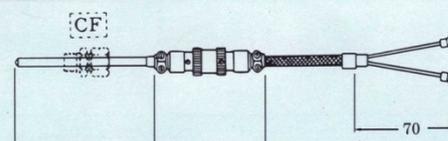
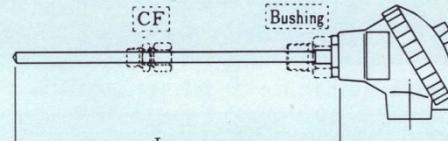


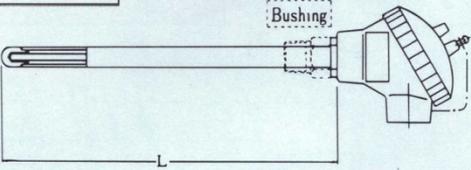
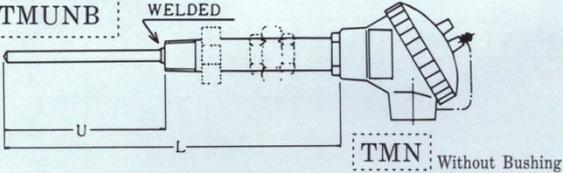
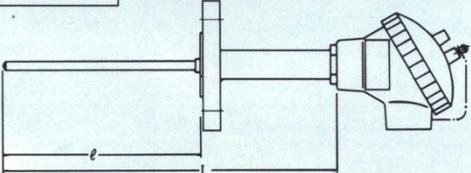
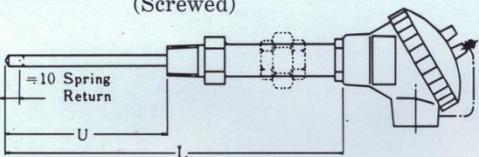
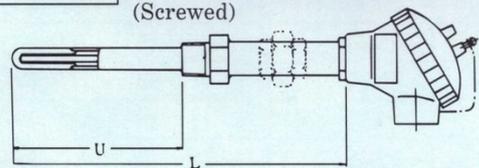
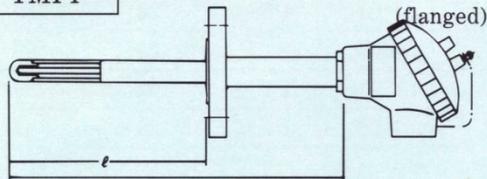
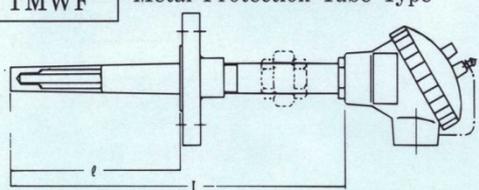


Standard Models THERMIC® (MODEL:TM) Sheathed Thermocouple Assembly

Unit:mm

<p>TMA Basic Type, Projecting Conductors</p> 	<p>Order Code : TMA - K S 32 II / 321 - L -</p> <p>Ref Page : Model No. Type No. of Conductors P18 Die H,J P17 Sheath P18 Length</p>
<p>TMB Flexible Lead Type</p> 	<p>Order Code : TMB - K D 48 II / 321 - L -</p> <p>Ref Page : Model No. Type No. of Conductors P18 Die H,J P17 Sheath P18 Length</p> <p>VX13D - l - CF481</p> <p>Lead P36~P38 Load Length Compression Fitting P22</p>
<p>TMBY Bayonet Spring Load Type</p> 	<p>Order Code : TMBY - K S 48 II / 321 - L</p> <p>Ref Page : Model No. Type No. of Conductors P18 Die H,J P17 Sheath P18 Length</p> <p>E / DK303 - l</p> <p>Lead P36~P38 Load Length</p>
<p>TMCS Exposed Terminal Type</p> 	<p>Order Code : TMCS - K S 48 II / 321 - L</p> <p>Ref Page : Model No. Type No. of Conductors P18 Die H,J P17 Sheath P18 Length</p> <p>* CF482 + PT½BU TMCL.....TL Compression Fitting P22 Bushing Size P22 TMCS.....TS</p>
<p>TMDL Quick Connector Type (Compensated Contact pins)</p> 	<p>Order Code : TMDL - K S 48 II / 321 - L</p> <p>Ref Page : Model No. Type No. of Conductors P18 Die H,J P17 Sheath P18 Length</p> <p>DK303 - l - CF481</p> <p>Lead P36~P38 Load Length Compression Fitting P22 TMDS...MINIATURE</p>
<p>TMES Metal Connector Type</p> 	<p>Order Code : TMES - K S 48 II / 321 - L /</p> <p>Ref Page : Model No. Type No. of Conductors P18 Die H,J P17 Sheath P18 Length</p> <p>VX13 - l - CF482</p> <p>Lead Load Length Compression Fitting P22 TMES.....E15 TMEL.....E20</p>
<p>TMH Metal Connector Type</p> 	<p>Order Code : TMH - K S 32 II / 321 - L - KN</p> <p>Ref Page : Model No. Type No. of Conductors P18 Die H,J P17 Sheath P18 Length Terminal Box P15</p> <p>CF321 + PT½BU</p> <p>Compression Fitting P22 Bushing Size P22</p>

Nos. of Conductors : S-Single Pair(2 Conductors) D-Dual Pair(4 Conductors) T-Triple Pair(6 Conductors)

<p>TMP Metal Protection Tube Type</p> 	<p>Order Code : TMP - K D 48 II / 321 - L - l - KN -</p> <p>Ref Page : 15X11 / 304 + NPT$\frac{1}{2}$BU</p> <p>Model No. Type No. of Conductors Dia H,J Sheath Total Length Insertion Length Terminal Box P18 P17 P18 P15</p> <p>Prot. Tube Dim. Material Bushing Size P13 P11</p>
<p>TMNB Screwed-in Type</p> <p>TMUNB WELDED</p>  <p>TMN Without Bushing</p>	<p>Order Code : TMNB - K D 48 II / 321 - L - l - KN -</p> <p>Ref Page : PT$\frac{1}{2}$ / 304 + PT$\frac{1}{4}$UN</p> <p>Model No. Type No. of Conductors Dia H,J Sheath Total Length Insertion Length Terminal Box P18 P17 P18 P15</p> <p>Thread Material Union Size TMUNB White Union</p>
<p>TMNF Flanged Type</p> 	<p>Order Code : TMNF - K D 48 II / 321 - L - l - KN -</p> <p>Ref Page : JIS10K25ARF / 304</p> <p>Model No. Type No. of Conductors Dia H,J Sheath Total Length Insertion Length Terminal Box P18 P17 P18 P15</p> <p>Flange Rating Material P29</p>
<p>TMNS Spring-Loaded Type (Screwed)</p>  <p>=10 Spring Return</p>	<p>Order Code : TMNS - K D 48 II / 321 - L - l - KN -</p> <p>Ref Page : PT$\frac{1}{2}$ / 304 + PT$\frac{1}{4}$UN</p> <p>Model No. Type No. of Conductors Dia H,J Sheath Total Length Insertion Length Terminal Box P18 P17 P18 P15</p> <p>Thread Material Union Size TMNS With Union</p> <p>Max. stroke of spring 10mm.</p>
<p>TMPB Metal Protection Tube Type (Screwed)</p> 	<p>Order Code : TMPB - K D 48 II / 321 - L - l - KN -</p> <p>Ref Page : 15 / 304 + PT$\frac{1}{2}$ / 304 + NPT$\frac{1}{2}$UN</p> <p>Model No. Type No. of Conductors Dia H,J Sheath Total Length Insertion Length Terminal Box P18 P17 P18 P15</p> <p>Prot. Tube Dim. Material Thread Material Union Size P13 P11 P18 P18 P15</p>
<p>TMPF Metal Protection Tube Type (flanged)</p> 	<p>Order Code : TMPF - K D 48 II / 321 - L - l - KN -</p> <p>Ref Page : 15 / 304 + JIS10K25ARF / 304</p> <p>Model No. Type No. of Conductors Dia H,J Sheath Total Length Insertion Length Terminal Box P18 P17 P18 P15</p> <p>Prot. Tube Dim. Material Flange Rating Material P13 P11 P29</p>
<p>TMWF Metal Protection Tube Type</p> 	<p>Order Code : TMWF - K D 48 II / 321 - L - l - KN -</p> <p>Ref Page : WL · 61 / 304 + JIS10K25ARF / 304 NPT$\frac{1}{2}$UN</p> <p>Model No. Type No. of Conductors Dia H,J Sheath Total Length Insertion Length Terminal Box P18 P17 P18 P15</p> <p>Thermowell Material Flange Rating Material Bushing Size P30-31 P11 P29</p>

Standard Thermowells

(MODEL:WL)

<p>WL·01 Hexagonal Screwed-in Type</p> <p>* Thread Allowance</p>	<p>Order Code : WL·01 / 316 - 250 / PT 1/2 - 9 / 15</p> <p>Model No. Material "U" Length "P" Thread Std. "B" Bore "D" Dia</p> <p>× 18 - 45/*20/29 × 33.5Hex - PT 1/2</p> <p>"D1" Dia For Tapered Well Only Factory Standard Unless Otherwise Specified "S" Thread Std.</p>
<p>WL·11 Hexagonal Screwed-in Type</p> <p>* Thread Allowance</p>	<p>Order Code : WL·11 / 304 - 300 / PT 3/4 - 8.5 × 65 /</p> <p>Model No. Material "U" Length "P" Thread Std. "B" × Length Bore Size</p> <p>11 / 17 × 21 - 45/*20/35 × 40.4Hex - PT 1/2</p> <p>"B2" Dia "D2" Dia "D1" Dia For Tapered Well Only Factory Standard Unless Otherwise Specified "S" Thread Std.</p>
<p>WL·12 Hexagonal Lagging Extension Type</p> <p>* Thread Allowance</p>	<p>Order Code : WL·12 / 310 - 450 / PT1 - 11 / 17</p> <p>Model No. Material "U" Length "P" Thread Std. "B2" Dia "D2" Dia</p> <p>× 26 - 75 - *25/38 × 43.9Hex - PT 1/2</p> <p>"D1" Dia For Tapered Well Only "T" Length Factory Standard Unless Otherwise Specified "S" Thread Std.</p>
<p>WL·02 Hexagonal Lagging Extension Type</p> <p>* Thread Allowance</p>	<p>Order Code : WL·02 / 321 - 300 / NPT1 - 11 /</p> <p>Model No. Material "U" Length "P" Thread Std. "B" Dia</p> <p>17 × 26 - 75 - 34 - *25/34/41 × 47.3Hex - NPT 3/4</p> <p>"D2" Dia "D1" Dia For Tapered Well Only "T" Length "N" Factory Standard Unless Otherwise Specified "S" Thread Std.</p>
<p>WL·21 Hexagonal Heavy Duty Type</p> <p>* Thread Allowance</p>	<p>Order Code : WL·21 / 321 - 350 × 65 / PT1 1/2 - 11 /</p> <p>Model No. Material "U" Length "P" Thread Std. "B" Dia</p> <p>17 × 26 × 34 - 50/*25/50 × 57.7Hex - PT 3/4</p> <p>"D2" Dia "D1" Dia For Tapered Well Only "N" Factory Standard Unless Otherwise Specified "S" Thread Std.</p>
<p>WL·22 Hexagonal Heavy Duty Type</p> <p>* Thread Allowance</p>	<p>Order Code : WL·22 / 316 - 400 × 65 / PT1 - 7 × 65 / 11</p> <p>Model No. Material "U" Length "P" Thread Std. "B" × Length Bore Size "B" Dia</p> <p>17 × 26 × 34 - 50/*25/35 × 40.4Hex - PT 1/2</p> <p>"D2" Dia "D1" Dia For Tapered Well Only "N" Factory Standard Unless Otherwise Specified "S" Thread Std.</p>
<p>WL·04 Screwed-in Weld Type</p> <p>* Thread Allowance</p>	<p>Order Code : WL·04 / 304 - 300 / PT 3/4 - 11 / 17</p> <p>Model No. Material "U" Length "P" Thread Std. "B2" Dia "D2" Dia</p> <p>× 21 - 75 × 28 - *20 - PT 1/2</p> <p>"D1" Dia For Tapered Well Only "T" Length "N" Factory Standard Unless Otherwise Specified "S" Thread Std.</p>

Other special types are also available upon request.

