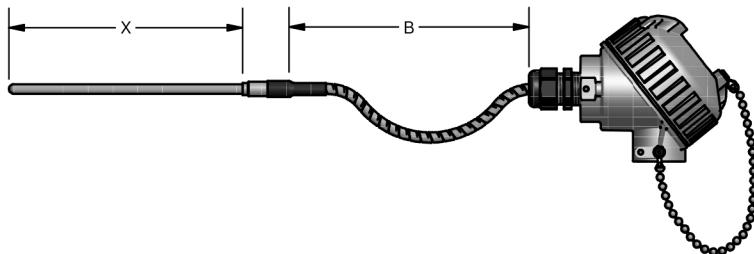


Remote-mounted thermocouple sensor assemblies are designed for applications where space is limited, or where high ambient temperatures or excessive heat conduction exists. They may also be a good choice for applications where high vibrations exist. They are available in a variety of thermocouple types, sheath diameters, sheath materials, process connections, and head options. These sensors can be mounted into a thermowell with the use of a spring-loaded well fitting, or directly into a process with a welded- or compression-style fitting. They are also available with a variety of optional head-mounted temperature transmitters.



### ORDER CODES

**Example Order  
Number:**

1-1 1-2 1-3 1-4      2      3      4      5      6-1 6-2  
**K 4 8 U - 018 - 00 - 16 - T3T120 - CG 91- D-2**

#### 1-1 Thermocouple Type

CODE	
SINGLE	DUPLEX
E	EE
J	JJ
K	KK
N	NN
T	TT

#### 1-2 Sheath Diameter

CODE	DIAMETER (inches)
2	1/8"
3	3/16"
4	1/4"
6	3/8"

#### 1-3 Sheath Material

CODE	DESCRIPTION	AVAILABLE SHEATH TYPES
3	Alloy 600	K, N
8	316 Stainless steel	E, J, K, T

#### 1-4 Junction Type

CODE	DESCRIPTION
G	Grounded
U	Ungrounded
E	Exposed

#### 2 Sheath Length

Specify 3 digit "X" length in inches

#### 3 Sheath Mounting Fittings

CODE	DESCRIPTION	NPT SIZE (inches)
00	No fitting or bushing	
<b>COMPRESSION FITTINGS</b>		
05A	316 SS One-time adjustable	1/8"
05B	316 SS One-time adjustable	1/4"
05C	316 SS One-time adjustable	1/2"
12A	316 SS Readjustable	1/8"
12B	316 SS Readjustable	1/4"
12C	316 SS Readjustable	1/2"
19C	303 SS Spring-loaded well fitting	1/2"

#### 6-2 Head Terminations

CODE	DESCRIPTION
31	Aluminum screw-cover head
34	Cast Iron screw-cover head
49	Flip-top Aluminum head
63	White Polypropylene screw-cover head
91	316L stainless steel screw-cover head

#### Options

D-2	FM/CSA Class I Div. 2 Rating for option 31, 34, 91
I	Stainless Steel Tag
SB	Steel conduit reducer bushing
T-441	(4 to 20) mA isolated head-mounted transmitter
T-442	(4 to 20) mA isolated HART® head-mounted transmitter
T82-00	(4 to 20) mA isolated HART® dual Input head-mounted transmitter

#### 6-1 Head Mounting Fittings

CODE	DESCRIPTION
8HN	1/2" x 1/2" NPT Stainless steel hex nipple
9HP	1/2" x 1/2" NPT Stainless steel bushing (no process threads)
8RNDC	1/2" x 3/4" NPT Stainless steel hex nipple
CG	Nylon cord grip
AG	Aluminum cord grip

#### 4 Leadwire Transitions

CODE	DESCRIPTION
15	Extension leadwire transition with relief spring 204°C
16	Extension leadwire transition with heat-shrink tubing 104°C
19	Extension leadwire transition with no strain relief 204°C

#### 5 Extension Leadwire "B" Dimensions

CODE	DESCRIPTION
T3A <sup>[1]</sup>	Fluoropolymer insulation, stranded conductor, flexible armor
T3P <sup>[1]</sup>	Fluoropolymer insulation, stranded conductor, PVC-coated flexible armor
T3T <sup>[1]</sup>	Fluoropolymer insulation, stranded conductor, FEP-coated flexible armor

[1] Insert 3 digit "B" length in inches.