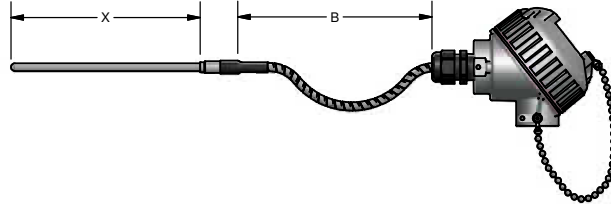


HAZARDOUS LOCATION

Configuration Code XP09 Hazardous Location Non-Incendive Certified Remote-Mount Thermocouple Sensors

Hazardous location certified Remote-mounted thermocouple sensor assemblies are designed for applications where space is limited, or where high ambient temperatures or excessive heat conduction exists. These products are CSA Certified for use in US and Canada hazardous locations designated: Class I, Division 2, Group A,B,C,D; Class II, Division 2, Group F,G; Class III; and USA: Class I, Zone 2, Group IIC; Zone 22, Group IIIB; Zone 22, Group IIIC; T6...T1: with nonincendive field wiring, Ingress Protection: IP56. The service temperature range for Certified Assemblies is limited to -25°C to 435°C and the T-code corresponds to the higher of ambient or process temperature. They are available in a variety of thermocouple types, sheath diameters, sheath materials, process connections, and head options. They are also available with a variety of optional head-mounted temperature transmitters. Total sensor length cannot exceed 25 feet.



ORDER CODES

**Example
Order
Number:**

1-0 1-1 1-2 1-3 1-4 2-0 3-0 4-0 5-0 6-0 6-1
HL05 - K 4 8 U - 018 - 00 - 16 - T3T120 - CG 91,OR,GS

1-0 Agency Approval

CODE	DESCRIPTION
HL05	CSA Non-Incendive Class I Division II Certified

1-1 Thermocouple Type — 1-2 Sheath Diameter

CODE		CODE	DIAMETER (inches)
SINGLE	DUPLEX		
E	EE	2	1/8"
J	JJ	3	3/16"
K	KK	4	1/4"
N	NN	6	3/8"
T	TT		

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

2-0 Sheath Length

Specify 3 digit "X" length in inches

3-0 Sheath Mounting Fittings

CODE	DESCRIPTION	NPT SIZE (inches)
00	No fitting or bushing	
COMPRESSION FITTINGS		
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"

6-1 Head Terminations

CODE	DESCRIPTION
31,OR,GS	Aluminum screw-cover head, Class I Div II; Type 4X/IP66
34,OR,GS	Cast Iron screw-cover head, Class I Div II; Type 4X/IP66
91,OR,GS	316L stainless steel screw-cover head, Class I Div II; Type 4X/IP66

Options

I	Stainless Steel Tag
SB	1/2" NPT conduit reducer bushing
T71	(4 to 20) mA isolated head-mounted transmitter
T72	(4 to 20) mA isolated HART® head-mounted transmitter
T82-00	(4 to 20) mA isolated HART® dual Input head-mounted transmitter

6-0 Head Mounting Fittings

CODE	DESCRIPTION
8HN	1/2" x 1/2" NPT Stainless steel hex nipple
9HP	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

4-0 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

5-0 Extension Leadwire "B" Dimensions

CODE	DESCRIPTION
T3A ^[1]	Fluoropolymer insulation, stranded conductor, flexible armor
T3P ^[1]	Fluoropolymer insulation, stranded conductor, PVC-coated flexible armor
T3T ^[1]	Fluoropolymer insulation, stranded conductor, FEP-coated flexible armor
[1] Insert 3 digit "B" length in inches.	

