

Lead Type Sheath Thermocouples

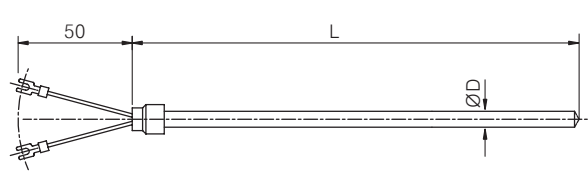
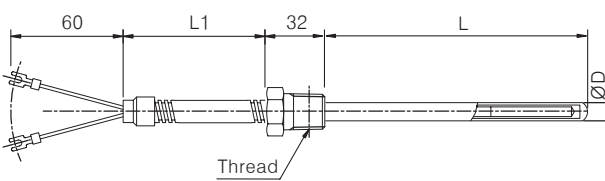
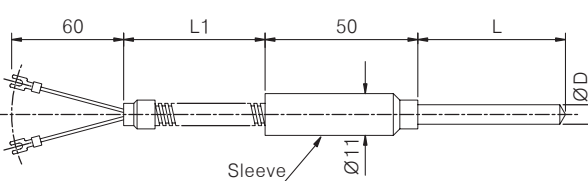
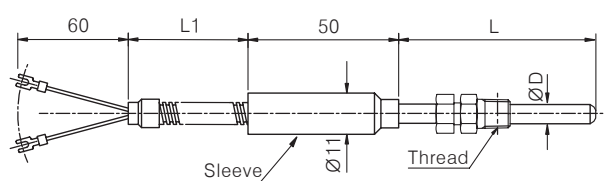
■ Select Basic Model Code

SL2	–	C0	10
①		②	③

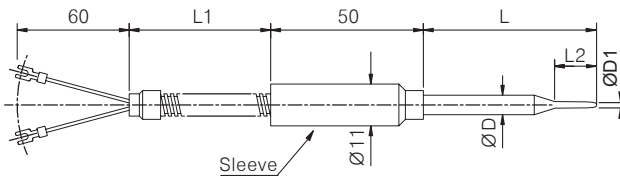
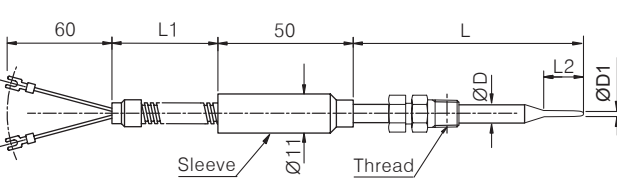
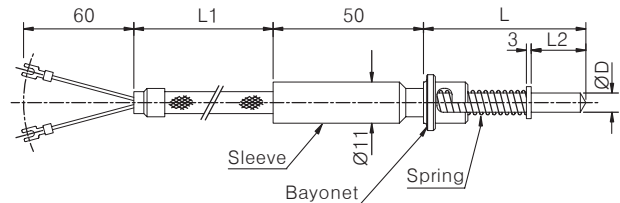
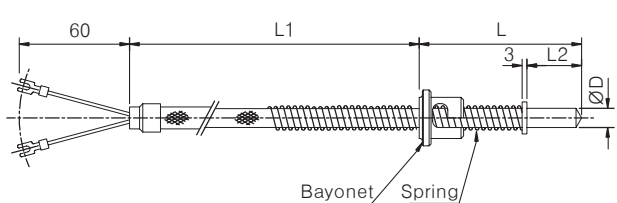
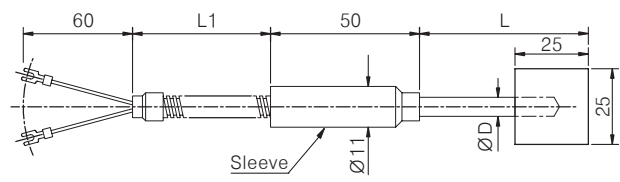
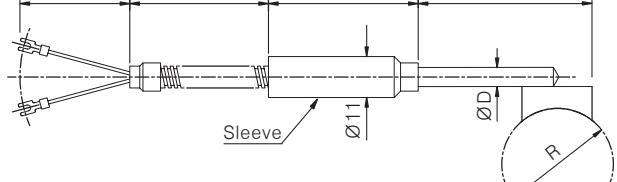
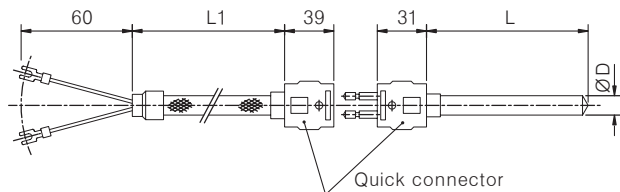
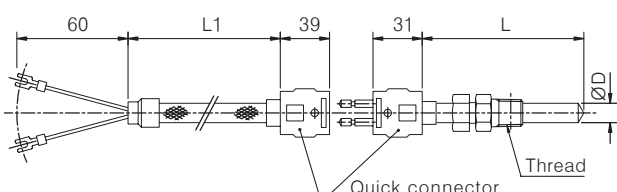
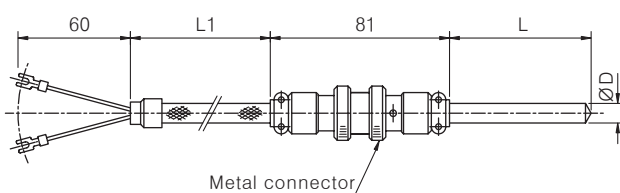
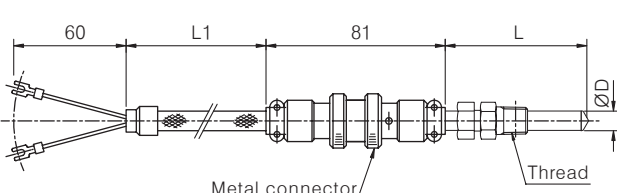
Item	Descriptions			
① Temperature sensor type	SL2	Lead Type Sheath Thermocouples		
② Sheath type	B0	Straight	J0	Nipple
	C0	Standard	L0	I PAD
	C1	Standard+Compression Fitting	M0	R PAD
	D0	Tip needle	R0	Quick Connector
	D1	Tip needle+Compression Fitting	R1	Quick Connector+Compression Fitting
	G0	Bayonet 1	S0	Metal Connector
	H0	Bayonet 2	S1	Metal Connector+Compression Fitting
③ Cover material and protection type		Outside	Inside	Protection type
	10	Vinyl cover wire	Vinyl cover wire	Protection spring
	1F	Vinyl cover wire	Vinyl cover wire	Flexible Tube
	20	SUS braiding	Fiberglass cover	Protection spring
	2F	SUS braiding	Fiberglass cover	Flexible Tube
	30	Fiberglass cover	Fiberglass cover	Protection spring
	3F	Fiberglass cover	Fiberglass cover	Flexible Tube
	40	SUS braiding	Teflon cover	Protection spring
	4F	SUS braiding	Teflon cover	Flexible Tube
	50	Silicon cover	Teflon coating	Protection spring
	5F	Silicon cover	Teflon coating	Flexible Tube

■ Select Sheath

Select sheath type and material.

Straight : SL2-B0 □□ 	Nipple : SL2-J0 □□ 
Standard : SL2-C0 □□ 	Standard + Compression Fitting : SL2-C1 □□ 

SL2 Series

Tip needle : SL2-D0 □□	Tip needle + Compression Fitting : SL2-D1 □□
	
Bayonet 1 : SL2-G0 □□	Bayonet 2 : SL2-H0 □□
	
I PAD : SL2-L0 □□	R PAD : SL2-M0 □□
	
Quick Connector : SL2-R0 □□	Quick Connector + Compression Fitting : SL2-R1 □□
	
Metal Connector : SL2-S0 □□	Metal Connector + Compression Fitting : SL2-S1 □□
	


Lead Type Sheath Thermocouples

■ Ordering Code

Order code is basic model code + detailed specification + special specification.

■ Detailed specification

■ Detailed specification			Temp. sensor			Lower sheath			Lead length		Connection spec.	Special spec.					
SL2 - C0 10			K	S	010	316	1000	048 / 001		PT1/4		(A) (B) (C) (D) (E) (F)					
※ For basic ordering			①	②	③	④	⑤	⑥	⑦	⑧	※ Refer to the below						

※ For basic ordering code, refer to appearance or  Select Basic Code.

Item	Descriptions			
① Temperature sensor		K, E, J, T, N		
② Sensor elements	S	Single	T	Triple
	D	Double		
③ Sheath thickness (ØD) ※1, ※2	010	Ø1.0	064	Ø6.4
	016	Ø1.6	080	Ø8.0
	023	Ø2.3	095	Ø9.5
	032	Ø3.2	127	Ø12.7
	048	Ø4.8		
④ Sheath material※2	316	316SS	446	446SS
	310	310SS	INC	Inconel 600
⑤ Sheath lower length (L) (mm)		Write directly (below 9999mm)		
⑥ Sheath lower detailed length (L2) (mm) ※3		Write directly (below 500mm)		
⑦ Lead length (L1) (m) ※4		Write directly (3-digit/e.g.: 001, 010)		
⑧ Connection spec. (screw spec.)		Write the code referring F-88 to F-89 page of Reference.		

※ 1. In case of tip needle (D0, D1), only Ø3.2, Ø4.8 are available.

※ 2. The sheath thickness and material is decided according to the sensor elements. Refer to the below the Sheath thickness and material by sensor elements.

※ 3. In case of non-lower detailed length sheath (B0, C□, J0, L0, M0, R□, S□), write the code as " XXX " .

※ 4. In case of non-lead length (B0), write the code as " XXX " .

■ Sheath thickness and material by sensor elements

Sensor elements		Sheath thickness		Available sheath material			
		Code	Thickness	S	D	T	
S i n g l e	D o u b l e	T r i p l e	010	Ø1.0	1	—	—
			016	Ø1.6	1	1	—
			023	Ø2.3	1	1	—
			032	Ø3.2	2	1	1
			048	Ø4.8	2	2	1
			064	Ø6.4	2	2	1
			080	Ø8.0	2	2	1
			095	Ø9.5	2	2	2
			127	Ø12.7	2	2	2

Available sheath material	
1	Inconel 600, 310SS, 316SS
2	Inconel 600, 310SS, 316SS, 446SS

■ Special specifications

㉑ : Hot junction type	U	Ungrounded (standard)	G	Grounded	
	E	Exposed			
㉒ : Cable color standard*1	J	Basic KS, JIS	A	ANSI	
㉓ : Sheath surface treatment	N	None	L	Teflon lining	
	T	Teflon coating			
㉔ : R size for special Pad type					
㉕ : T (thickness) for special Pad type					
㉖ : End needle thickness for tip needle sheath type (ØD1)	Sheath thickness Ø3.2	016	Ø1.6	023	Ø2.3 (standard)
	Sheath thickness Ø4.8	023	Ø2.3 (standard)	032	Ø3.2

※ Special specifications is required infrequently in industrial site. Before ordering special specifications, please contact Autonics at first.

※ 1. For cable color, refer to F-87 page.