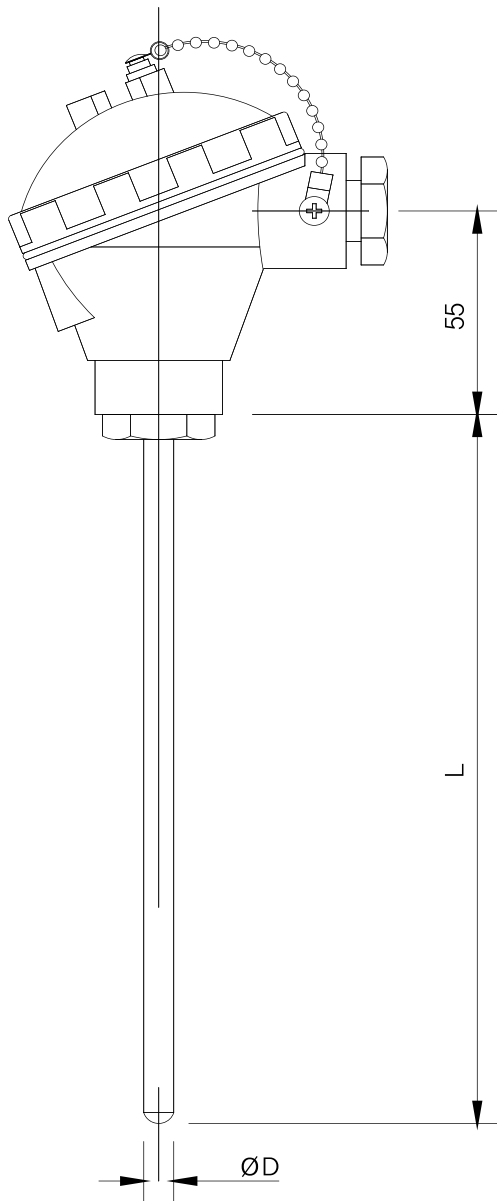


일반형온도센서



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

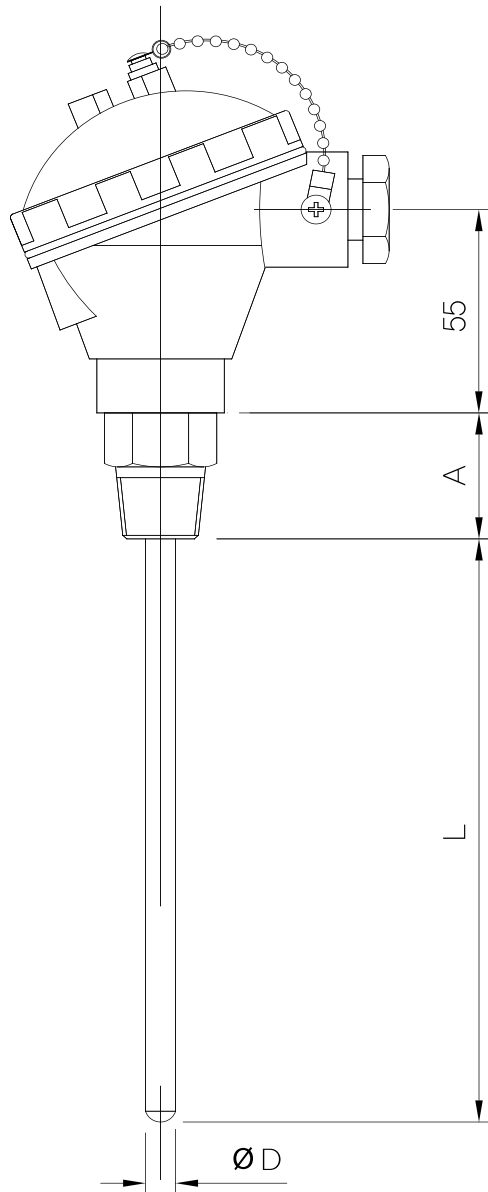
☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

9. MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONEL

10.INSERT LENGTH(L) mm

△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE METAL SHEATHED SENSOR				
△					MODEL : KS-1020				
△					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
NO	DATE	DESCRIPTION	DR,N	CH,D					
REVISIONS									
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
					DWG. No.			KT-21020	
								SHT.	



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7.GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8.SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. THREAD

☐ PT ☐ PF ☐ NPT ☐

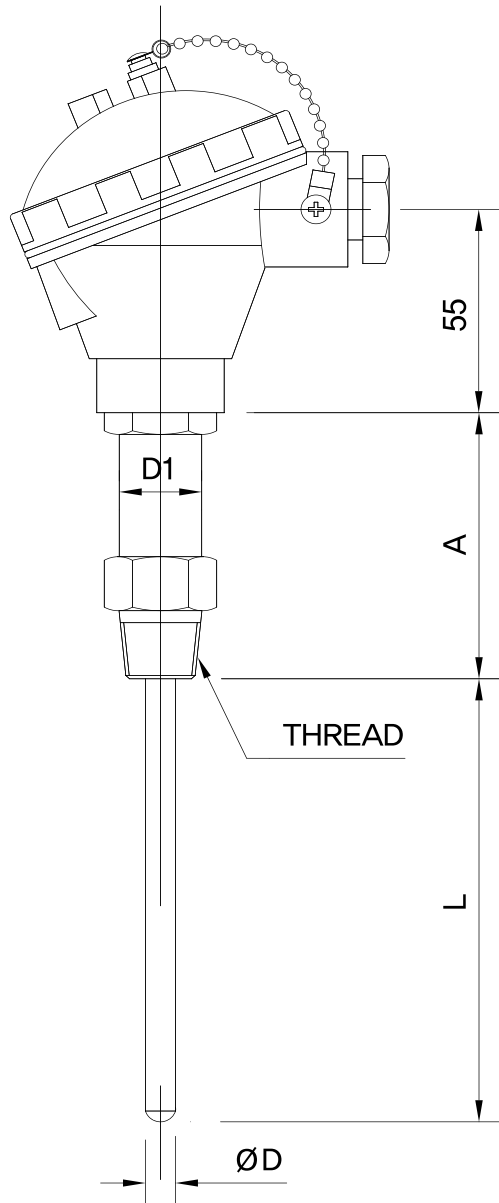
☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

10. LENGTH(A) mm

INSERT LENGTH(L) mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1021				
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS REMARKS SCALE N/S DIMENSIONS MILLIMETERS									
(주)온도센서테크					DWG. No. KT-21021 SHT.				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C(R100/R0=1,385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

10. INSERT LENGTH(A)

mm

INSERT LENGTH(L)

mm

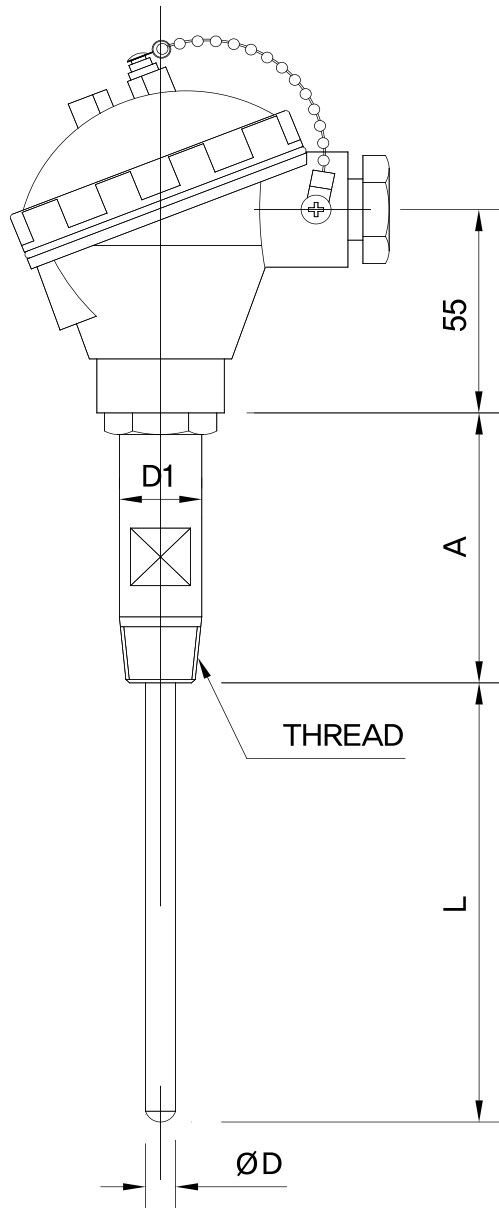
NIPPLE DIAMETER(D1)

mm

11. SPRING LOADED TYPE

☐ ON ☐ OFF

△									
△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△					TITLE METAL SHEATHED SENSOR				
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1022				
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
					DWG. No. KT-21022				SHT.



– SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4

R.T.D. ☐ 3(SINGLE) ☐ 6

6. ELEMENT

☐ THERMOCOUPLE TYPE

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385) (DOUBLE)

7.GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS mmØ

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9.THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

10. INSERT LENGTH(A)

mm

INSERT LENGTH(L)

mm

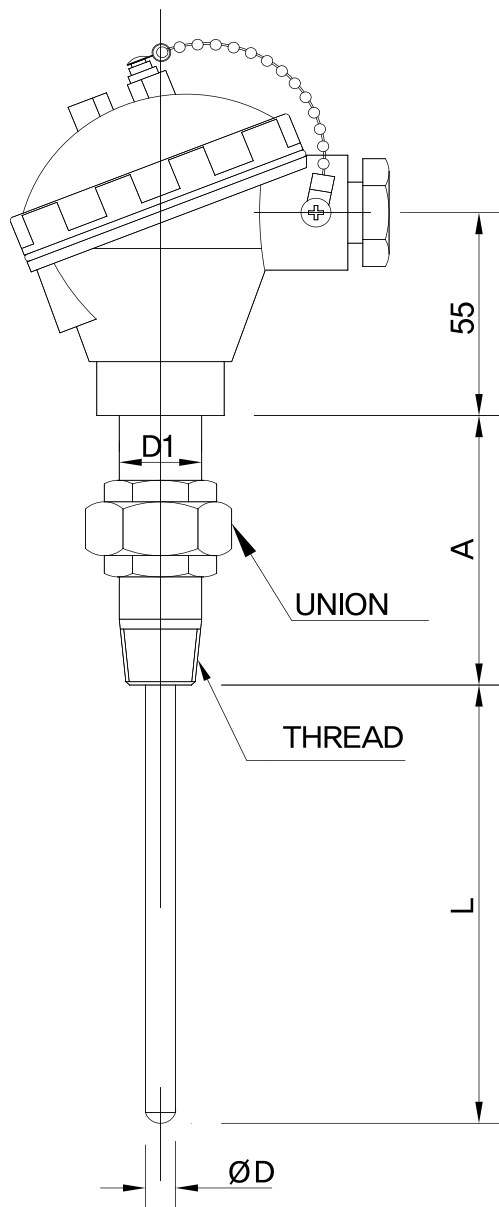
NIPPLE DIAMETER(D1)

mm

11. SPRING LOADED TYPE

☐ ON ☐ OFF

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					METAL SHEATHED SENSOR				
	NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1023			
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.		KT-21023		SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

R.T.D. ☐ 3 (SINGLE) ☐ 6 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C (R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

10. LENGTH(A)

mm

LENGTH(L)

mm

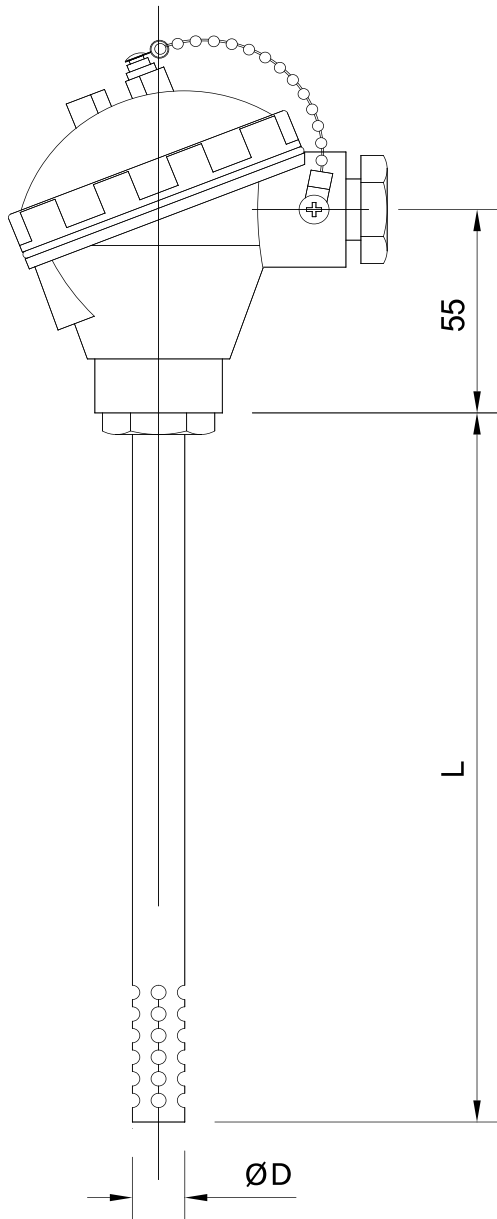
DIAMETER(D1)

mm

11. SPRING LOADED TYPE

☐ ON ☐ OFF

△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1024				
△									
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D					
REVISIONS									
REMARKS	SCALE	DIMENSIONS			DATE	APPROVED	CHECKED	DESIGNED	DRAWN
	N/S	MILLIMETERS							
					DWG. No. KT-21024				SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R,T,D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. (D1)DIAMETER

☐ Ø8.0 ☐ Ø10 ☐ Ø12 ☐ Ø15

MATERIAL ☐ SUS304 ☐ SUS316

10. LENGTH(L)

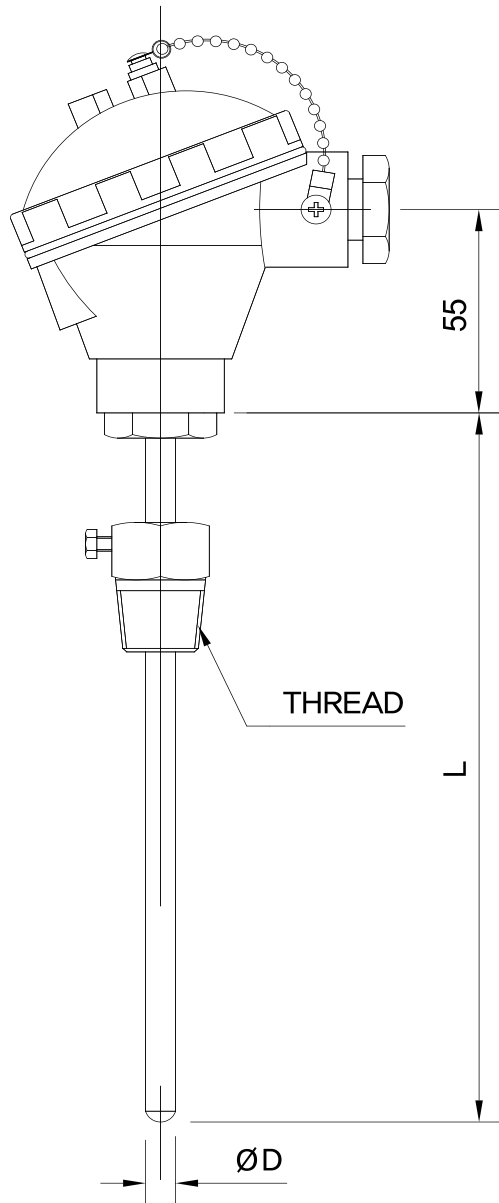
mm

LENGTH(A)

mm

11. ☐ UNGROUNDED ☐ EXPOSEND

△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE METAL SHEATHED SENSOR				
△					MODEL : KS-1025				
△					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
NO	DATE	DESCRIPTION	DR,N	CH,D					
REVISIONS									
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
					DWG. No. KT-21025				SHT.



SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. (D1)DIAMETER

☐ Ø8.0 ☐ Ø10 ☐ Ø12 ☐ Ø15

MATERIAL ☐ SUS304 ☐ SUS316

10. LENGTH(A)

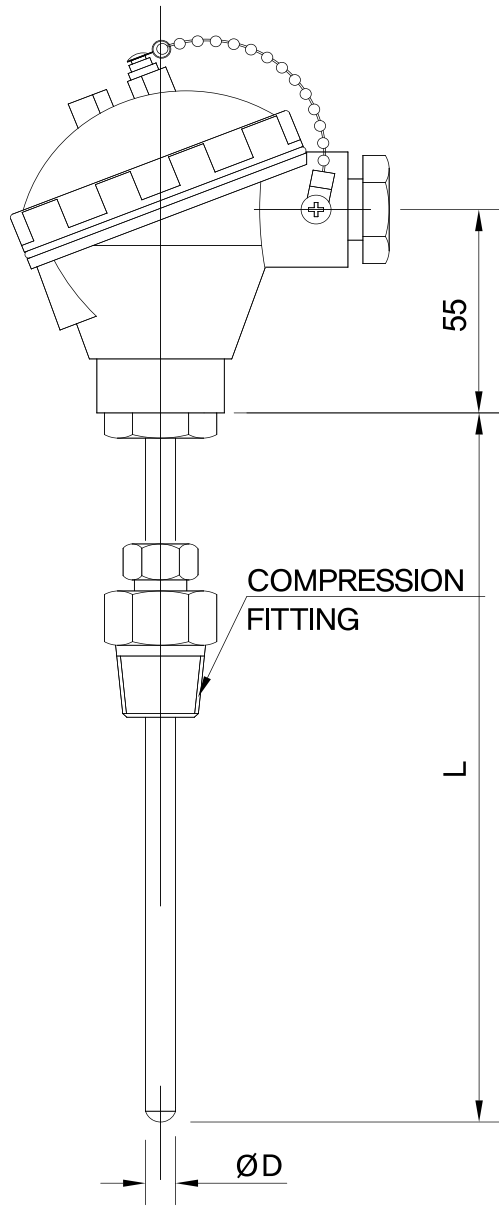
mm

LENGTH(L)

mm

11. ☐ UNGROUNDED ☐ EXPOSEND

△										
△						No.	PARTS NAME	MATERIAL	QTY	REMARKS
△						TITLE				
△						METAL SHEATHED SENSOR				
						MODEL : KS-1026				
NO	DATE	DESCRIPTION	DR,N	CH,D		DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS										
REMARKS		SCALE	DIMENSIONS							
		N/S	MILLIMETERS							
(주)온도센서테크					DWG. No.	KT-21026				SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3,2 ☐ Ø4,8 ☐ Ø6,4 ☐ Ø8,0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. THREAD(SLIDE)

☐ PT ☐ PF ☐ NPT ☐

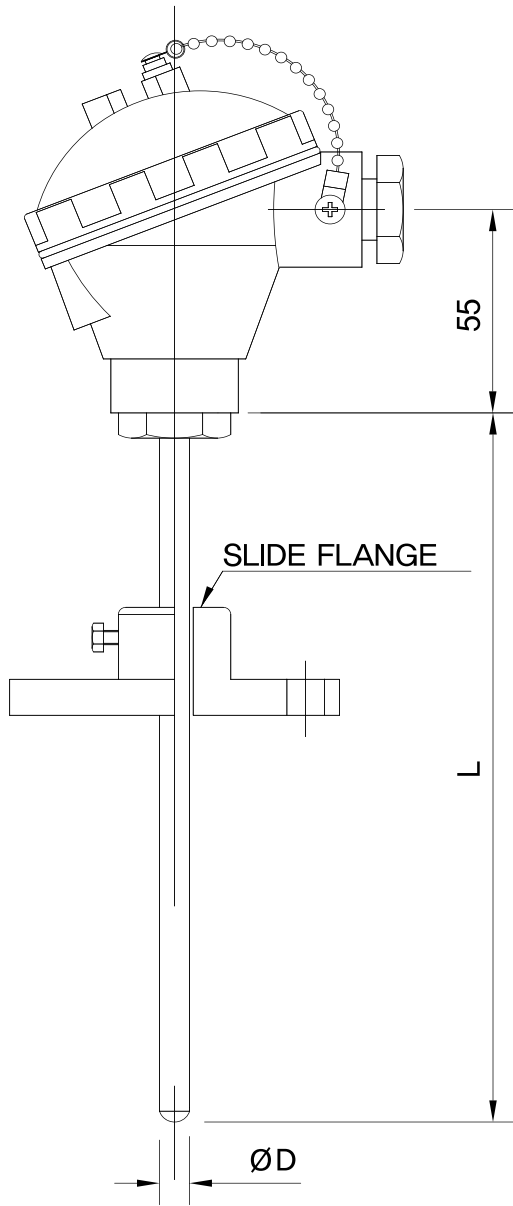
☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

10. LENGTH(A)

mm

△										
△										
△										
△										
NO	DATE	DESCRIPTION		DR.N	CH.D	TITLE METAL SHEATHED SENSOR MODEL : KS-1027				
REVISIONS										
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS			DATE	APPROVED	CHECKED	DESIGNED	DRAWN
 (주)온도센서테크					DWG. No.	KT-21027				SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7.GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

10. COMPRESSION NUT mm

☐ PT ☐ PF ☐ NPT ☐

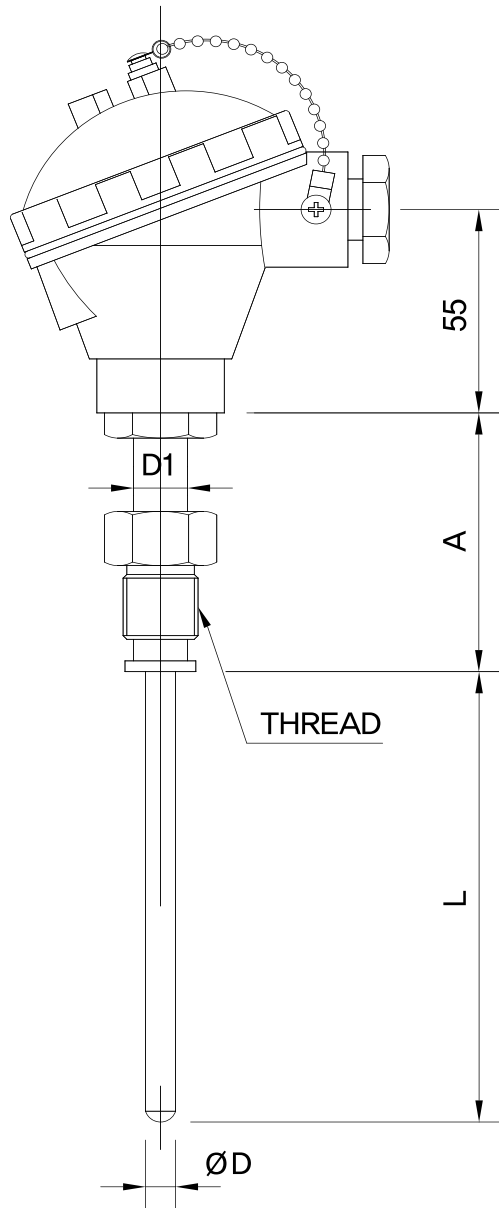
☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

11. LENGTH(L)

mm

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE				
△						METAL SHEATHED SENSOR				
	NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1028				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE		DIMENSIONS						
		N/S		MILLIMETERS						
						DWG. No.			SHT.	
						KT-21028				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3,2 ☐ Ø4,8 ☐ Ø6,4 ☐ Ø8,0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. MOUNTING FLANGE: SLIDE FLANGE TYPE

☐ KS ☐ JIS ☐ DIN ☐ ANSI

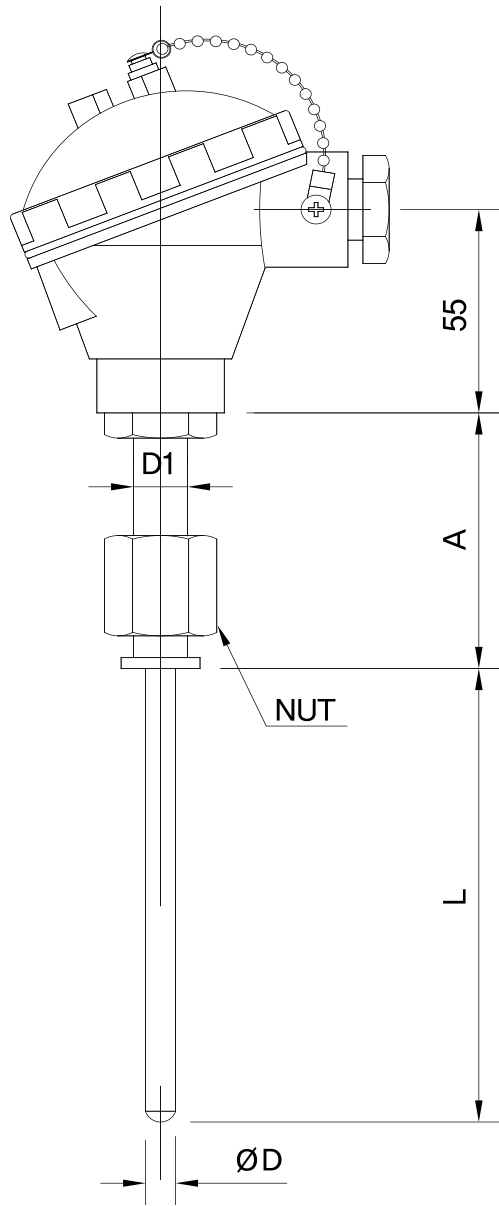
☐ RF ☐ FF

MATERIAL ☐ SUS304 ☐ SUS316

10. LENGTH(L)

mm

△									
△									
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
REVISIONS					TITLE				
					METAL SHEATHED SENSOR				
					MODEL : KS-1029				
					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS					DWG. No.				
SCALE					KT-21029				
N/S					SHT.				
DIMENSIONS									
MILLIMETERS									



SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7.GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3,2 ☐ Ø4,8 ☐ Ø6,4 ☐ Ø8,0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

10.THREAD

☐ PF ☐ UNF ☐ INCH

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

11. LENGTH(A)

mm

LENGTH(L)

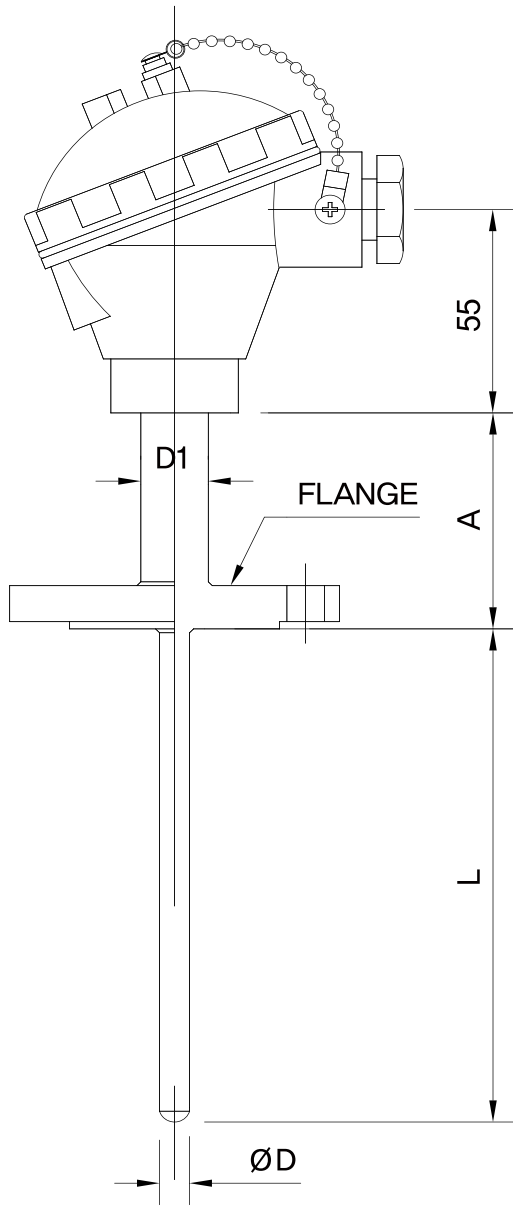
mm

DIAMETER (D1)

mm

△									
△									
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
REVISIONS					TITLE				
					METAL SHEATHED SENSOR				
					MODEL : KS-1030				
					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS					DWG. No.				
SCALE					KT-21030				
N/S					SHT.				
DIMENSIONS									
MILLIMETERS									

Ⓜ (주)온도센서테크



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. NUT

☐ PT ☐ UNF ☐ INCH

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

10. LENGTH(A)

mm

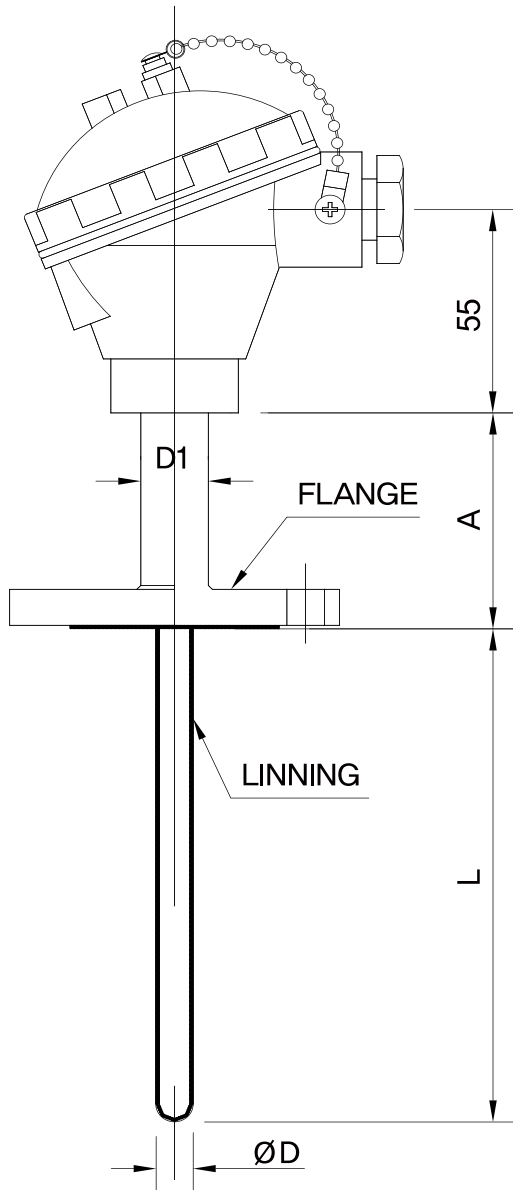
LENGTH (L)

mm

DIAMETER (D1)

mm

△									
△									
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
REVISIONS					TITLE				
					METAL SHEATHED SENSOR				
					MODEL : KS-1031				
					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS					DWG. No.				
SCALE					KT-21031				
N/S					SHT.				
DIMENSIONS MILLIMETERS									



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONEL

9. FLANGE

☐ KS ☐ JIS ☐ DIN ☐ ANSI

☐ RF ☐ FF

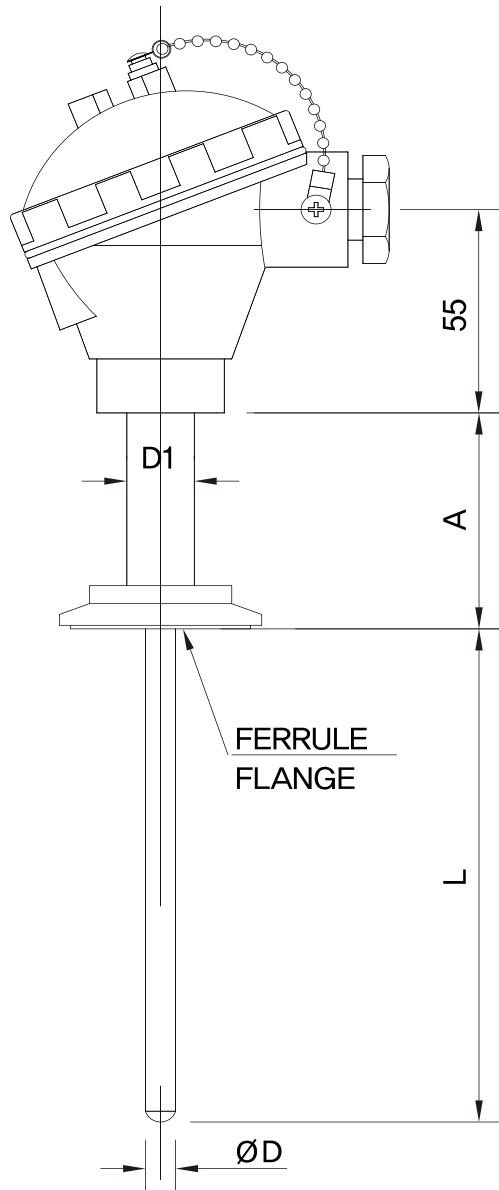
MATERIAL ☐ SUS304 ☐ SUS316

10. LENGTH(A) mm

LENGTH (L) mm

DIAMETER(D1) mm

△									
△									
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	No.	PARTS NAME	MATERIAL	QTY	REMARKS
REVISIONS					TITLE				
					METAL SHEATHED SENSOR				
					MODEL : KS-1032				
					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS					DWG. No.				
SCALE					KT-21032				
N/S					SHT.				
DIMENSIONS MILLIMETERS									



– SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

R.T.D. ☐ 3 (SINGLE) ☐ 6 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C (R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. FLANGE

☐ KS ☐ JIS ☐ DIN ☐ ANSI

☐ RF ☐ FF

MATERIAL ☐ SUS304 ☐ SUS316

10. LINNING

☐ PVC ☐ PTFE ☐ NONE

11. LENGTH(A)

mm

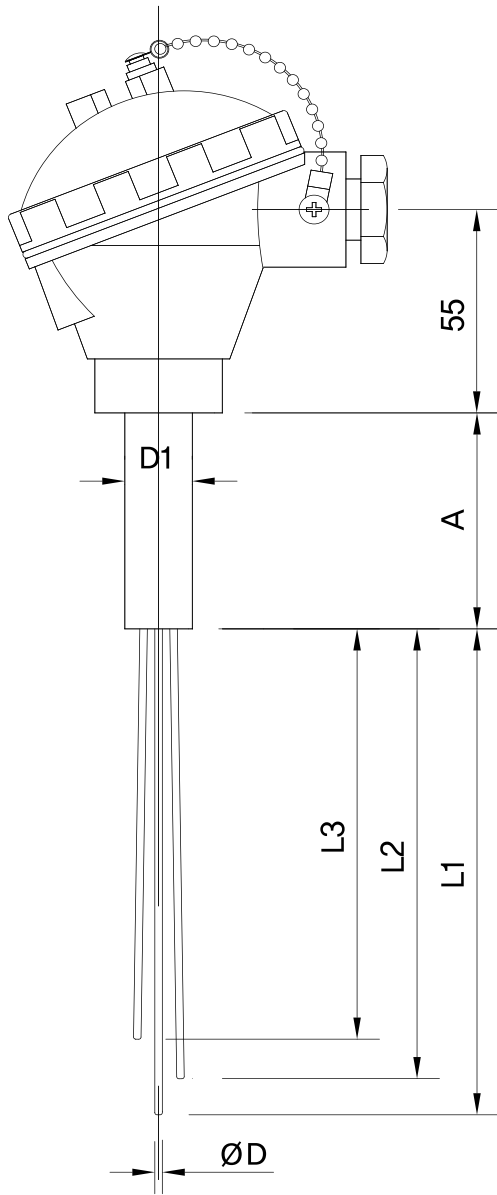
LENGTH (L)

mm

DIAMETER (D1)

mm

△																	
△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS								
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1033												
△																	
NO	DATE	DESCRIPTION	DR,N	CH,D	REVISIONS <table border="1"> <tr> <td>REMARKS</td> <td>SCALE</td> <td>DIMENSIONS</td> <td></td> </tr> <tr> <td></td> <td>N/S</td> <td>MILLIMETERS</td> <td></td> </tr> </table>					REMARKS	SCALE	DIMENSIONS			N/S	MILLIMETERS	
REMARKS	SCALE	DIMENSIONS															
	N/S	MILLIMETERS															
					DWG. No. KT-21033												
					SHT.												



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

R.T.D. ☐ 3 (SINGLE) ☐ 6 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C (R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. FERRULE FLANGE

☐ 1S ☐ 1.5S ☐ 2S ☐ 2.5S ☐ 3S

MATERIAL ☐ SUS304 ☐ SUS316

11. LENGTH(A)

mm

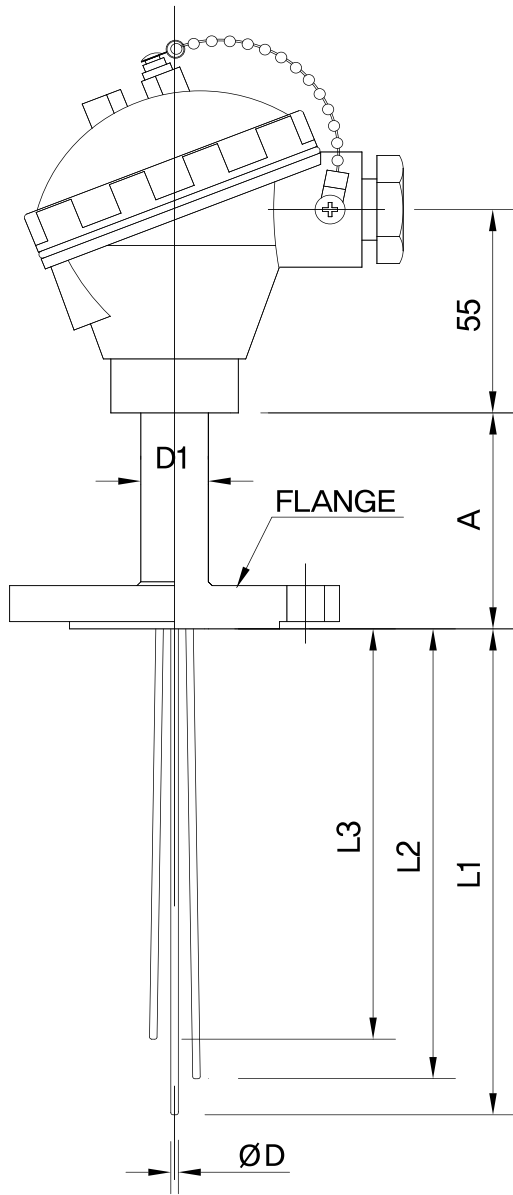
LENGTH(L)

mm

DIAMETER(D1)

mm

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE				
△						METAL SHEATHED SENSOR				
	NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1034				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE		DIMENSIONS						
		N/S		MILLIMETERS						
						DWG. No.				SHT.
						KT-21034				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

R.T.D. ☐ 3 (SINGLE) ☐ 6 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C (R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. FERRULE FLANGE

☐ 1S ☐ 1.5S ☐ 2S ☐ 2.5S ☐ 3S

MATERIAL ☐ SUS304 ☐ SUS316

11. LINNING

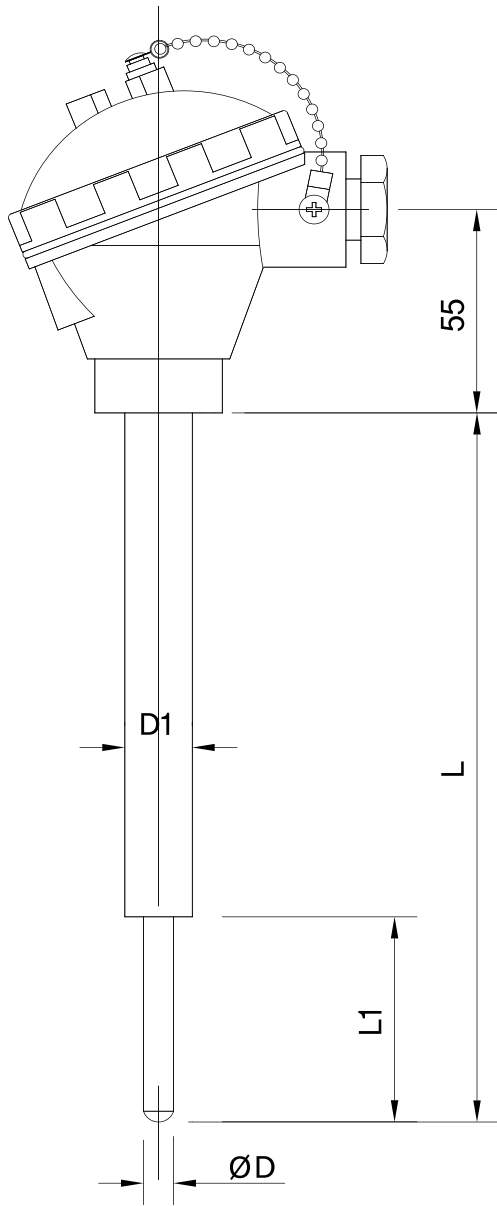
☐ PVC ☐ PTFE ☐ NONE

12. LENGTH(A)

LENGTH(L) mm

DIAMETER (D1) mm

△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE METAL SHEATHED SENSOR				
△					MODEL : KS-1035				
△					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
NO	DATE	DESCRIPTION	DR,N	CH,D					
REVISIONS									
REMARKS	SCALE	DIMENSIONS							
	N/S	MILLIMETERS							
					DWG. No. KT-21035				SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. GRADE

☐ A CLASS

☐ B CLASS

☐ 0.4 CLASS

☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304

☐ SUS316

☐ INCONET

9. FLANGE

☐ KS

☐ JIS

☐ DIN

☐ ANSI

☐ RF ☐ FF

MATERIAL

☐ SUS304

☐ SUS316

10. LENGTH(A)

mm

LENGTH (L1)

mm

DIAMETER (L2)

mm

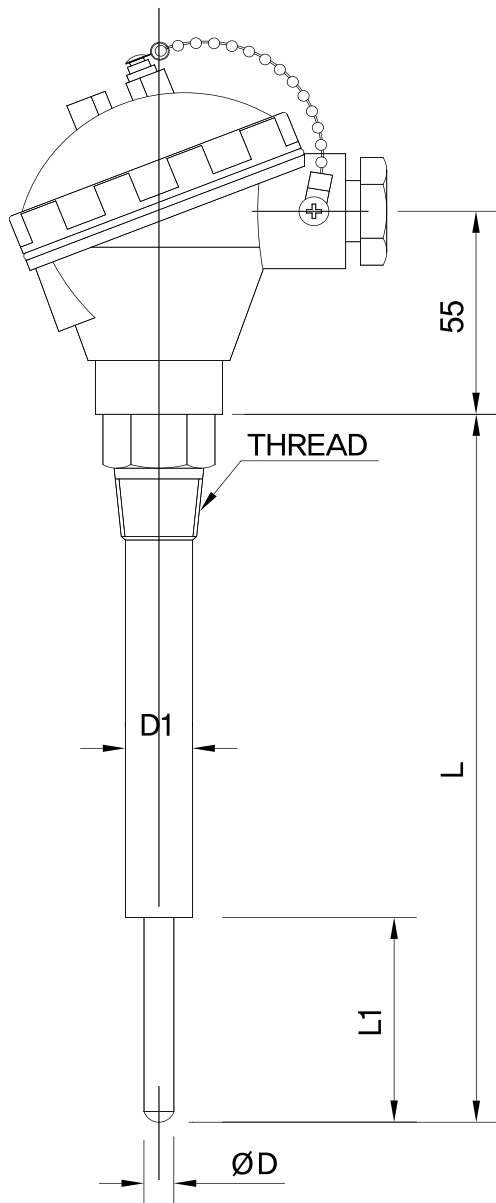
LENGTH(L3)

mm

DIAMETER(D1)

mm

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE METAL SHEATHED SENSOR MODEL : KS-1036				
△										
NO	DATE	DESCRIPTION	DR,N	CH,D		DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS										
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS							
 (주)온도센서테크					DWG. No.	KT-21036			SHT.	



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONEL

10. THREAD

☐ PT ☐ PF ☐ NPT

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

11. LENGTH(A)

mm

LENGTH(L1)

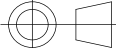
mm

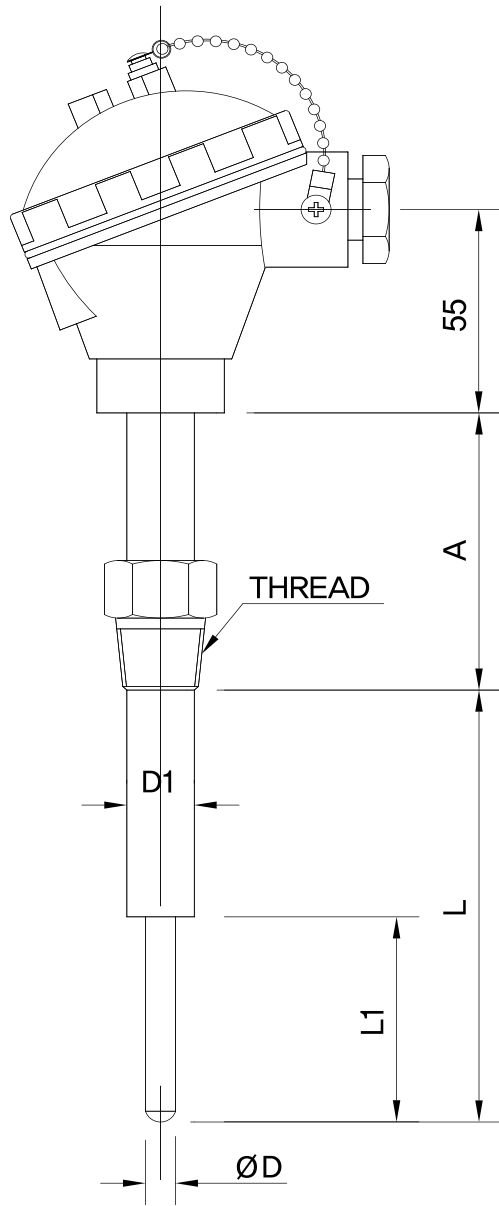
LENGTH(L2)

mm

DIAMETER(D1)

mm

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE METAL SHEATHED SENSOR				
△										
NO	DATE	DESCRIPTION		DR,N	CH,D	MODEL : KS-1037				
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS							
		N/S	MILLIMETERS							
 (주)온도센서테크						DWG. No. KT-21037				SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

R.T.D. ☐ 3 (SINGLE) ☐ 6 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

10. THREAD

☐ PF ☐ UNF ☐ INCH

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

11. LENGTH(A)

mm

LENGTH(L)

mm

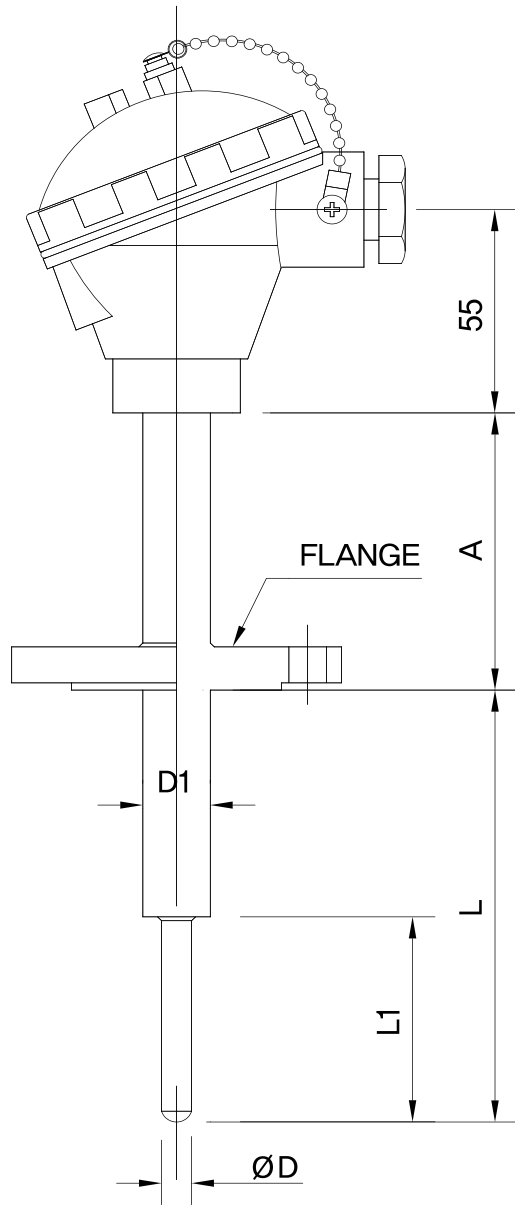
LENGTH(L1)

mm

DIAMETER(D1)

mm

△									
△									
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	No.	PARTS NAME	MATERIAL	QTY	REMARKS
REVISIONS					TITLE				
					METAL SHEATHED SENSOR				
					MODEL : KS-1038				
					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS					DWG. No.				
SCALE					KT-21038				
N/S					SHT.				
DIMENSIONS									
MILLIMETERS									



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

R.T.D. ☐ 3 (SINGLE) ☐ 6 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C (R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. FLANGE

☐ KS ☐ JIS ☐ DIN ☐ ANSI

☐ RF ☐ FF

MATERIAL ☐ SUS304 ☐ SUS316

10. LENGTH(A)

mm

LENGTH (L)

mm

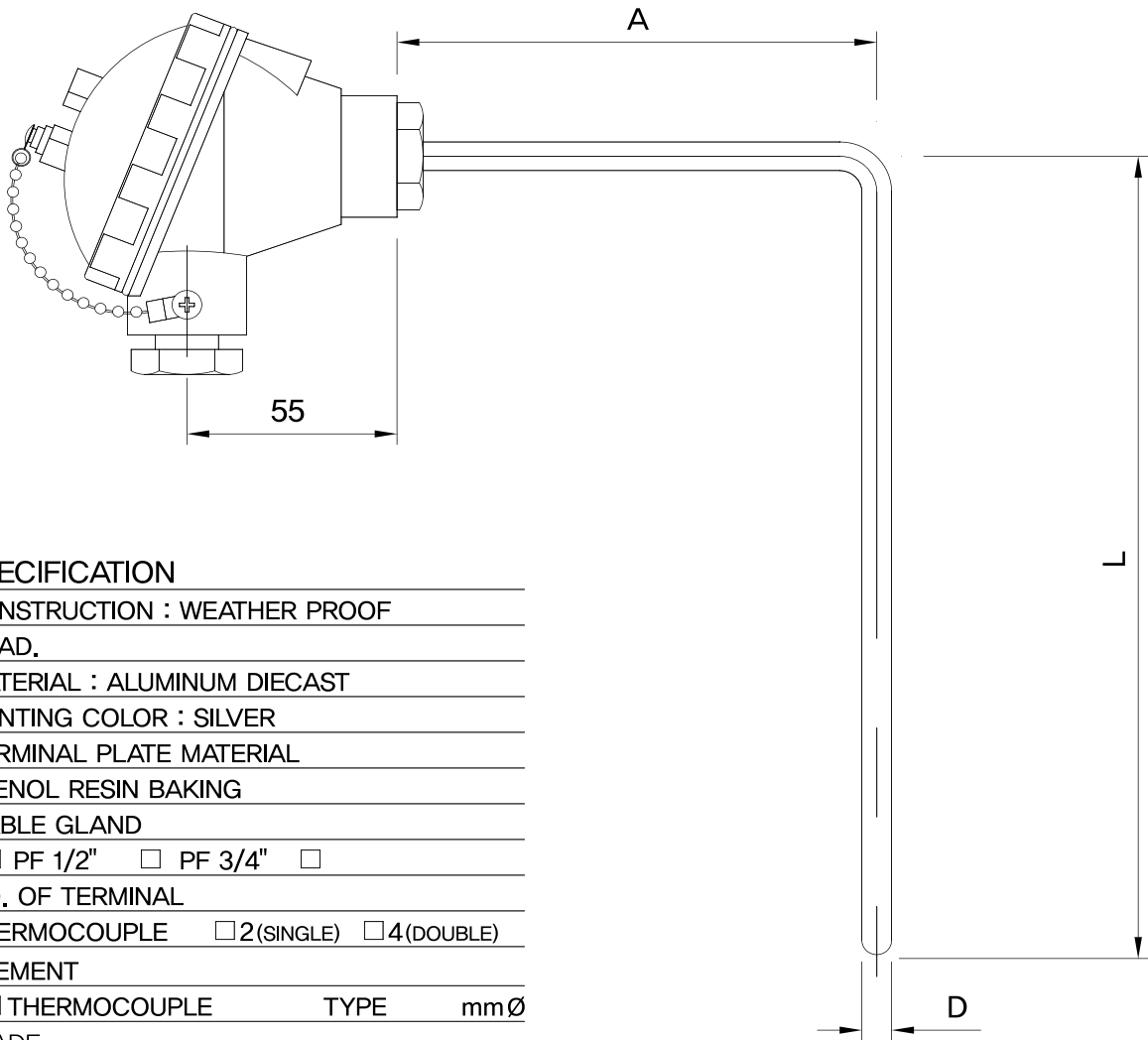
DIAMETER (L1)

mm

DIAMETER (D1)

mm

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE				
△						METAL SHEATHED SENSOR				
						MODEL : KS-1039				
NO	DATE	DESCRIPTION	DR,N	CH,D		DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS										
REMARKS		SCALE	DIMENSIONS							
		N/S	MILLIMETERS							
(주)온도센서테크						DWG. No.				SHT.
						KT-21039				



SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

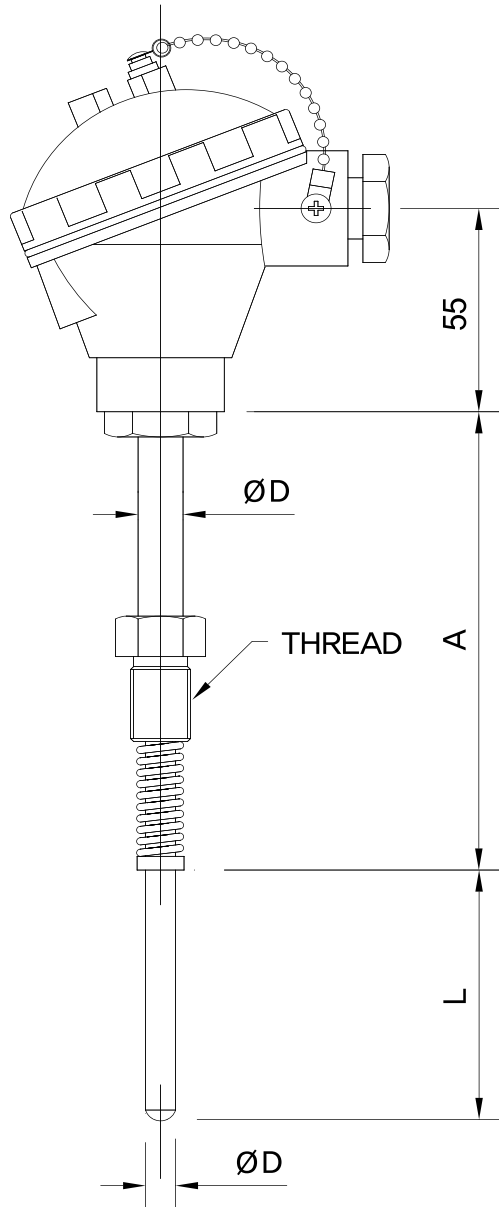
10. LENGTH(A)

mm

LENGTH(L)

mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
					MODEL : KS-1040				
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
 (주)온도센서테크					DWG. No.				SHT.
					KT-21040				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. THREAD

☐ PF ☐ UNF ☐ INCH

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

10. SPRING(L)

mm

11. LENGTH(A)

mm

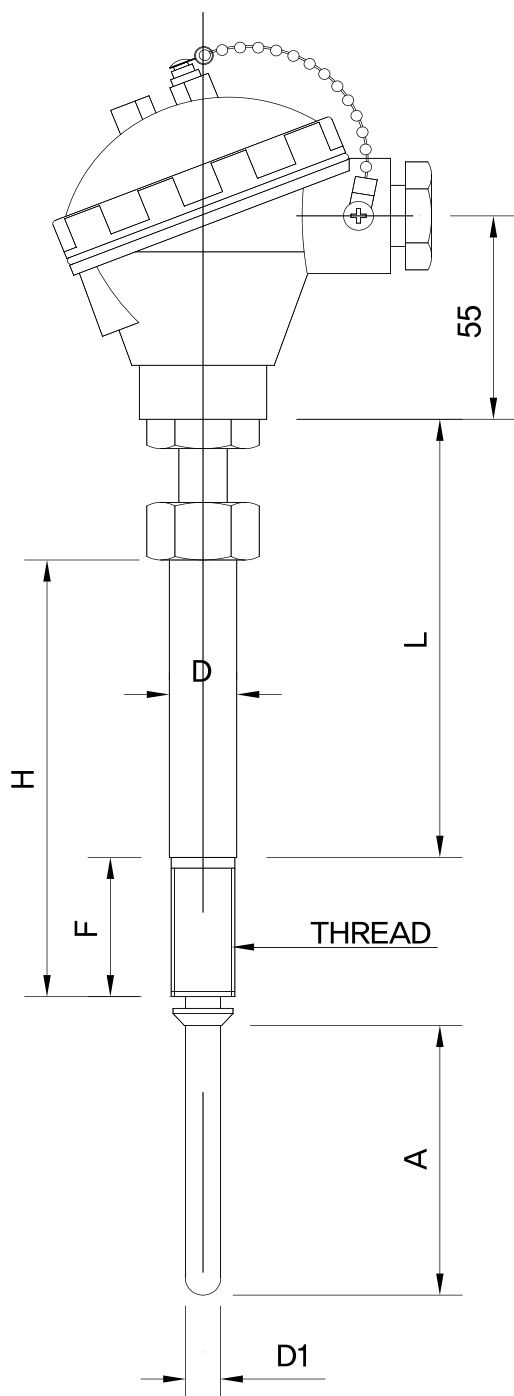
LENGTH(L)

mm

DIAMETER(D1)

mm

△																	
△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS								
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1042												
△																	
NO	DATE	DESCRIPTION	DR,N	CH,D	REVISIONS <table border="1"> <tr> <td>REMARKS</td> <td>SCALE</td> <td>DIMENSIONS</td> <td></td> </tr> <tr> <td></td> <td>N/S</td> <td>MILLIMETERS</td> <td></td> </tr> </table>					REMARKS	SCALE	DIMENSIONS			N/S	MILLIMETERS	
REMARKS	SCALE	DIMENSIONS															
	N/S	MILLIMETERS															
					DWG. No.			SHT.									
					KT-21042												



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. GRADE

☐ A CLASS ☐ B CLASS

☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

10.THREAD mm

☐ PF ☐ UNF ☐ INCH

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

11. LENGTH(A) mm

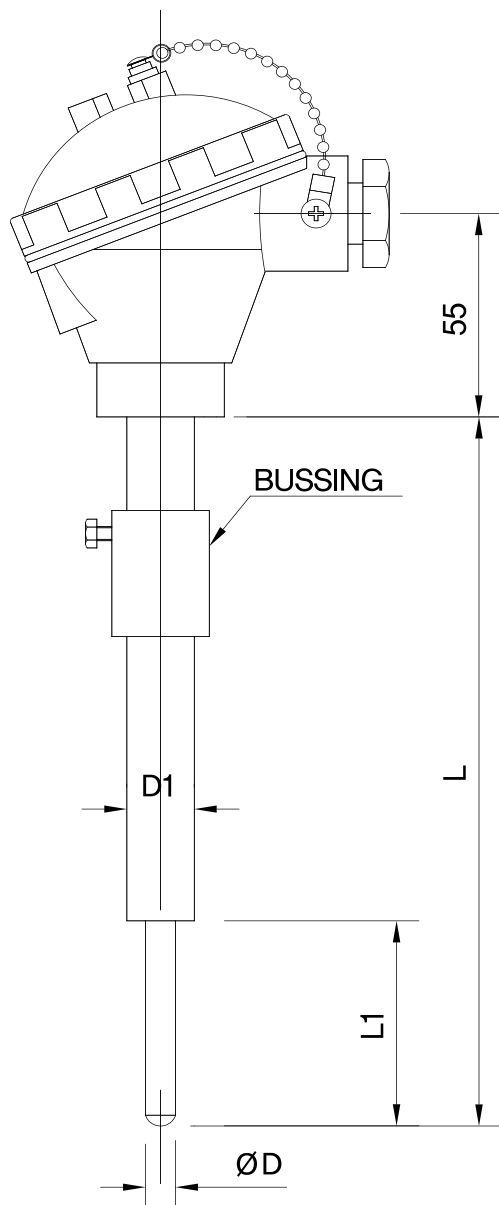
LENGTH(L1) mm

LENGTH(L2) mm

LENGTH(L3) mm

DIAMETER(D1) mm

△									
△									
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	No.	PARTS NAME	MATERIAL	QTY	REMARKS
REVISIONS					TITLE				
					METAL SHEATHED SENSOR				
					MODEL : KS-1043				
REMARKS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
SCALE									
N/S									
DIMENSIONS									
MILLIMETERS									
(주)온도센서테크					DWG. No. KT-21043				
					SHT.				



SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. SHEATH MATERIAL

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 1.6 ☐ 2.3 ☐ 3.2 ☐ 4.8 ☐ 6.4 ☐ 8

8. RING (mmØ)

☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐ 27.2

MATERIAL

☐ SUS304 ☐ SUS316 ☐

9. LENGTH (L)

mm

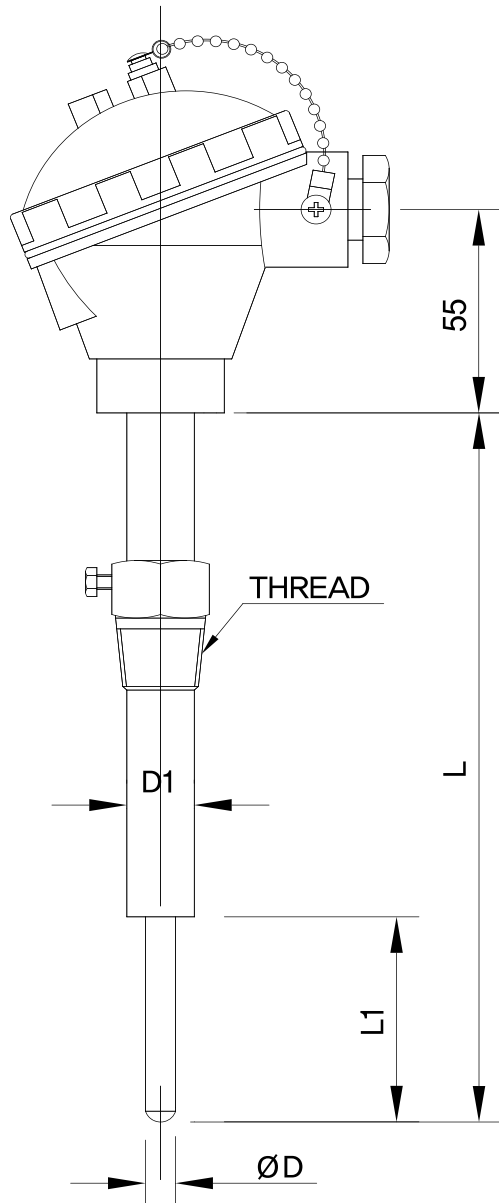
LENGTH (L1)

mm

DIAMETER (D1)

mm

△									
△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1040				
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS						
 (주)온도센서테크					DWG. No. KT-21040				SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. SHEATH MATERIAL

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 1.6 ☐ 2.3 ☐ 3.2 ☐ 4.8 ☐ 6.4 ☐ 8

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

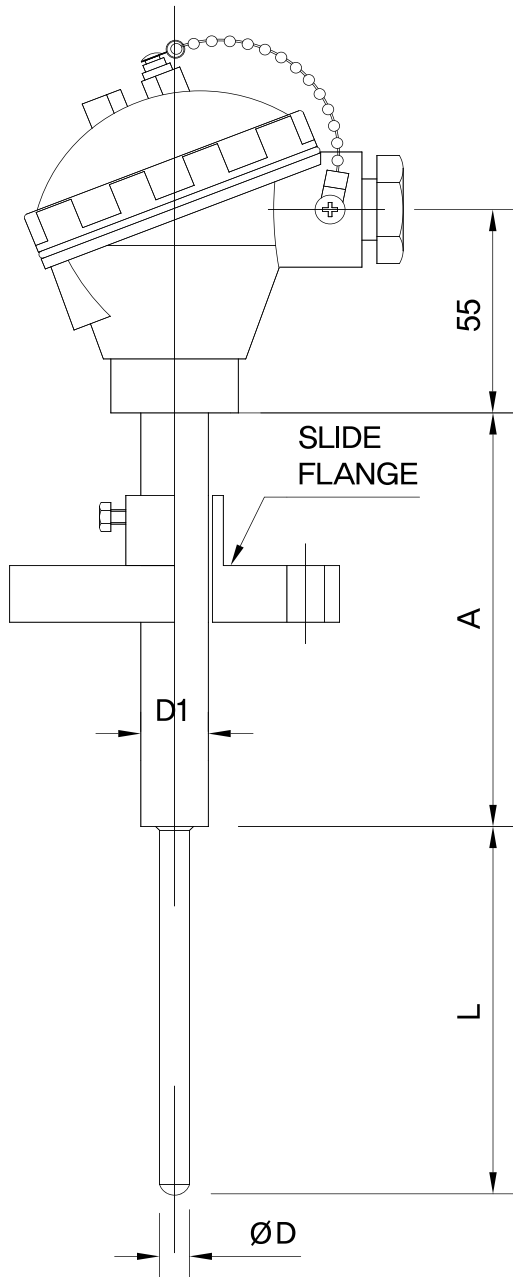
☐ SUS304 ☐ SUS316 ☐

9. LENGTH (L) mm

LENGTH (L1) mm

DIAMETER (D1) mm

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE METAL SHEATHED SENSOR MODEL : KS-1041				
△										
NO	DATE	DESCRIPTION		DR.N	CH.D					
REVISIONS						DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS							
 (주)온도센서테크						DWG. No. KT-21041				SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

R.T.D. ☐ 3 (SINGLE) ☐ 6 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C (R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. SHEATH MATERIAL

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 1.6 ☐ 2.3 ☐ 3.2 ☐ 4.8 ☐ 6.4 ☐ 8

8. FLANGE

MATERIAL

☐ SUS304 ☐ SUS316 ☐

9. LENGTH (A)

mm

LENGTH (L)

mm

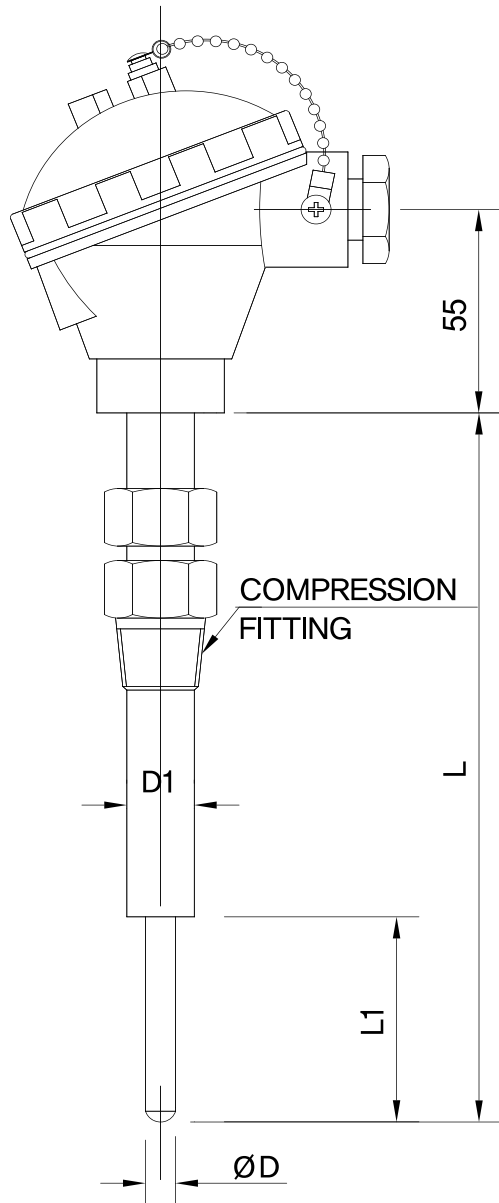
LENGTH (L1)

mm

DIAMETER (D1)

mm

△										
△										
△										
△										
NO	DATE	DESCRIPTION		DR,N	CH,D	TITLE METAL SHEATHED SENSOR MODEL : KS-1042-1				
REVISIONS										
REMARKS		SCALE	DIMENSIONS			DATE	APPROVED	CHECKED	DESIGNED	DRAWN
N/S		MILLIMETERS								
 (주)온도센서테크					DWG. No.	KT-21042-1			SHT.	



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

R.T.D. ☐ 3 (SINGLE) ☐ 6 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C (R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. SHEATH MATERIAL

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 1.6 ☐ 2.3 ☐ 3.2 ☐ 4.8 ☐ 6.4 ☐ 8

8. COMPRESSION FITTING

☐ PT ☐ PF ☐ NPT ☐

☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

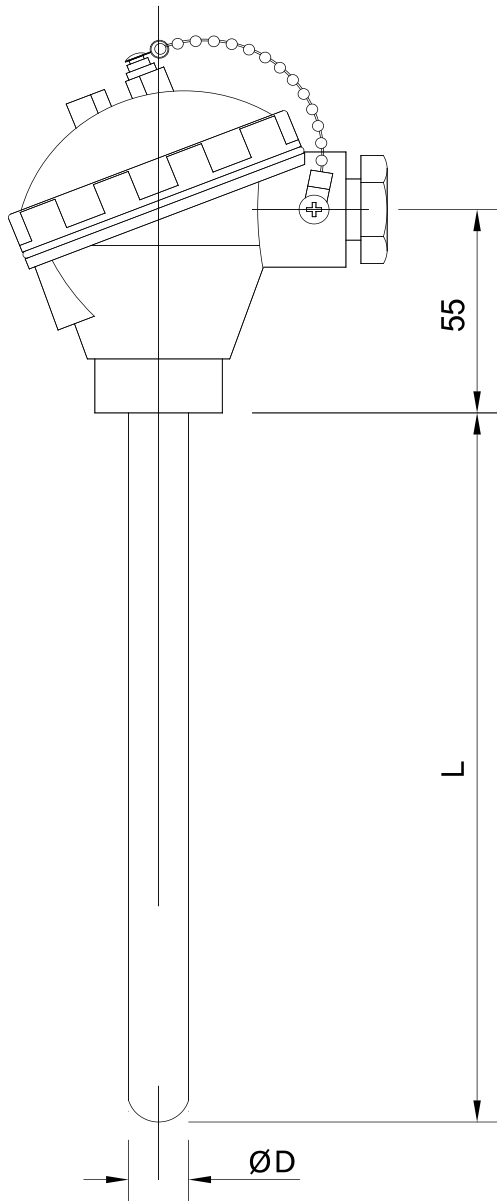
☐ SUS304 ☐ SUS316 ☐

9. LENGTH (L) mm

LENGTH (L1) mm

DIAMETER (D1) mm

△										
△						No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△						TITLE METAL SHEATHED SENSOR MODEL : KS-1042				
△										
NO	DATE	DESCRIPTION		DR,N	CH,D					
REVISIONS										
REMARKS		SCALE		DIMENSIONS						
		N/S		MILLIMETERS						
Ⓜ (주)온도센서테크						DWG. No.				
						KT-21042				
						SHT.				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

R.T.D. ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C(R100/R0=1,3916)

☐ PT 100ohm at 0 °C (R100/R0=1,385)

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

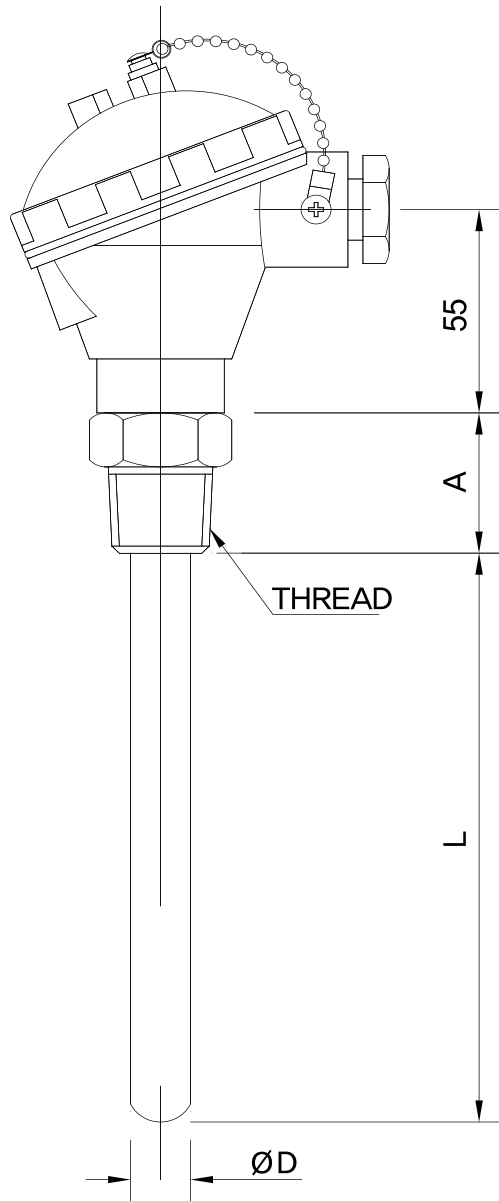
☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

☐ SUS304 ☐ SUS316 ☐

9. LENGTH (L) mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
	NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1043			
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.			SHT.	
					KT-21043				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

☐ SUS304 ☐ SUS316 ☐

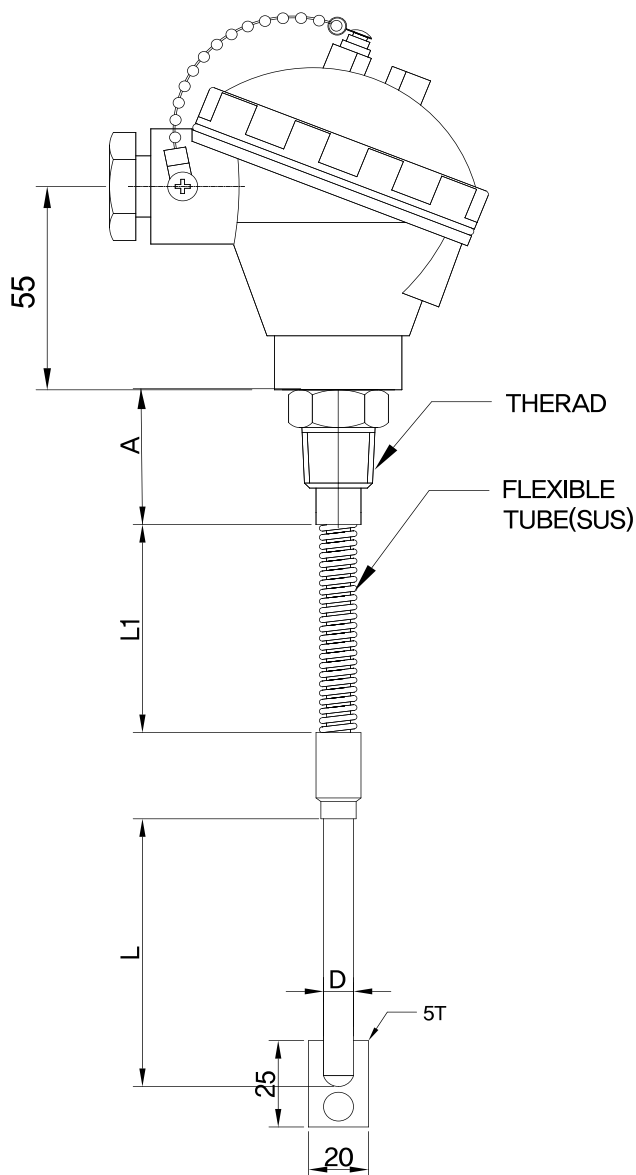
9. LENGTH (A)

mm

LENGTH (L)

mm

△																			
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS										
△					TITLE THERMOCOUPLE MODEL : KS-1044														
△																			
NO	DATE	DESCRIPTION	DR,N	CH,D	REVISIONS <table border="1"> <tr> <td>DATE</td> <td>APPROVED</td> <td>CHECKED</td> <td>DESIGNED</td> <td>DRAWN</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					DATE	APPROVED	CHECKED	DESIGNED	DRAWN					
DATE	APPROVED	CHECKED	DESIGNED	DRAWN															
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS			DWG. No. KT-21044													
(주)온도센서테크					SHT.														



— SPECIFICATION

1. CONSTRUCTION :WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM ALLOY

PAINTING COLOR : METALLIC SILVER

3. TERMINAL PLATE MATERIAL

☐ PHENOL RESIN ☐ CERAMIC

4. CONDUIT CONNECTION

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMO-COUPLE ☐ SINGLE(2WRE)
☐ DOUBLE(4WRE)

R.T.D. ☐ SINGLE(3WRE)
☐ DOUBLE(6WRE)

6. ELEMENT

☐ THERMO-COUPLE TYPE
☐ JPT 100ohm at 0 °C(R100/R0=1.3916)
☐ DIN 100ohm at 0 °C(R100/R0=1.385)

7. GRADE

☐ A CLASS ☐ B CLASS
☐ 0.4 CLASS ☐ 0.75 CLASS

8. SHEATH DIAMETER(D)

☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0

MATERIAL

☐ SUS304 ☐ SUS316 ☐ INCONET

9. FLEXIBLE TUBE(SUS303)

☐ 6.4 ☐ 8 ☐ 10

10. COMPRESSION FITTING(B)

☐ PF ☐ UNF ☐ INCH
☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"

MATERIAL ☐ SUS304 ☐ SUS316

11. LENGTH(A)

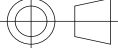
mm

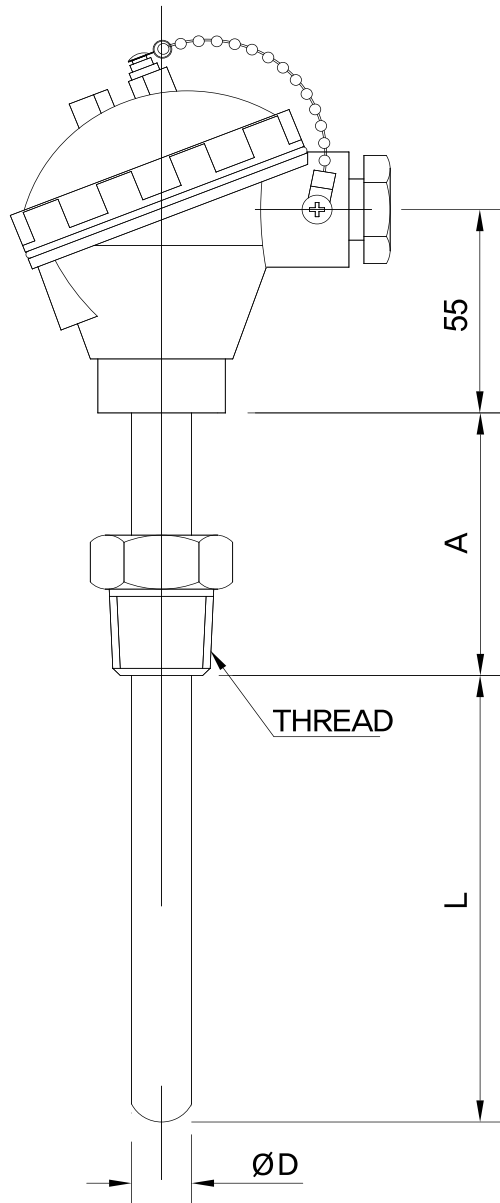
FLEXIBLE(L)

mm

LENGTH(L1)

mm

△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△					TITLE METAL SHEATHED SENSOR				
△									
△									
NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1065				
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS						
					DWG. No. KT-21065				SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

☐ SUS304 ☐ SUS316 ☐

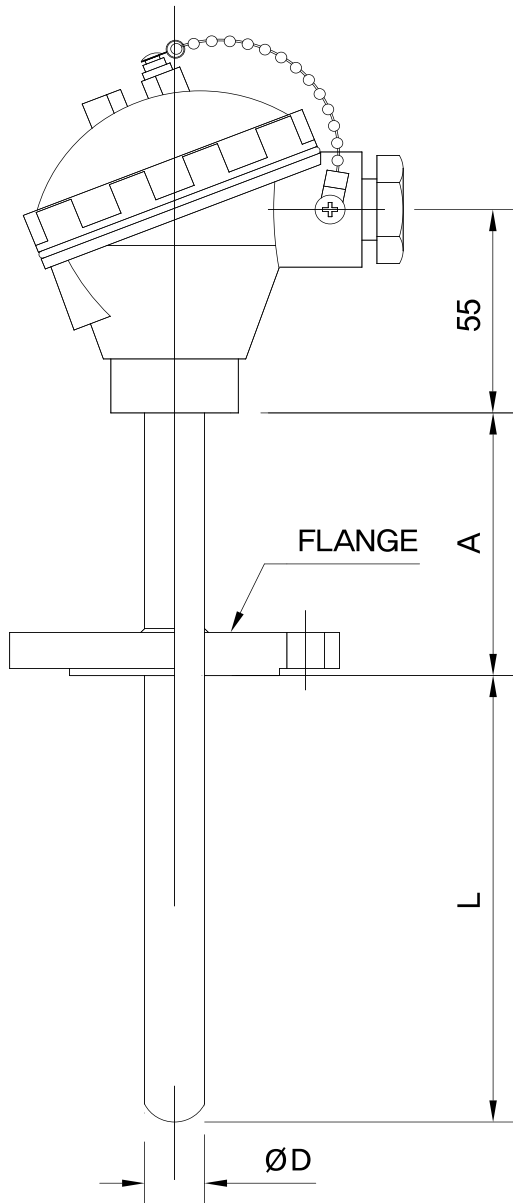
9. LENGTH (A)

mm

LENGTH (L)

mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
					MODEL : KS-1045				
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.				SHT.
					KT-21045				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21,7 ☐

8. FLANGE

MATERIAL

☐ SUS304 ☐ SUS316 ☐

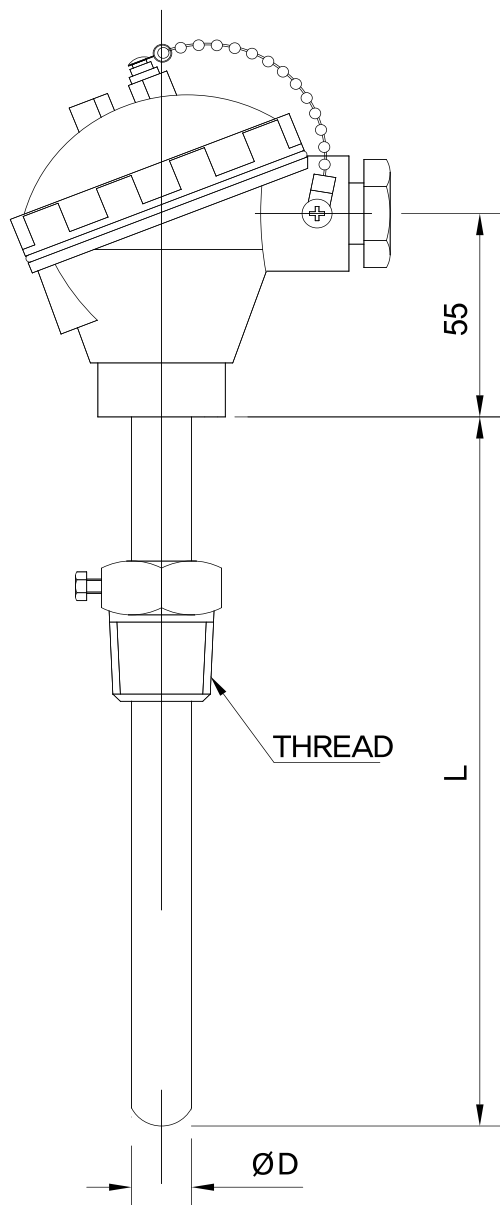
9. LENGTH (A)

mm

LENGTH (L)

mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
	NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1046			
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.			SHT.	
					KT-21046				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

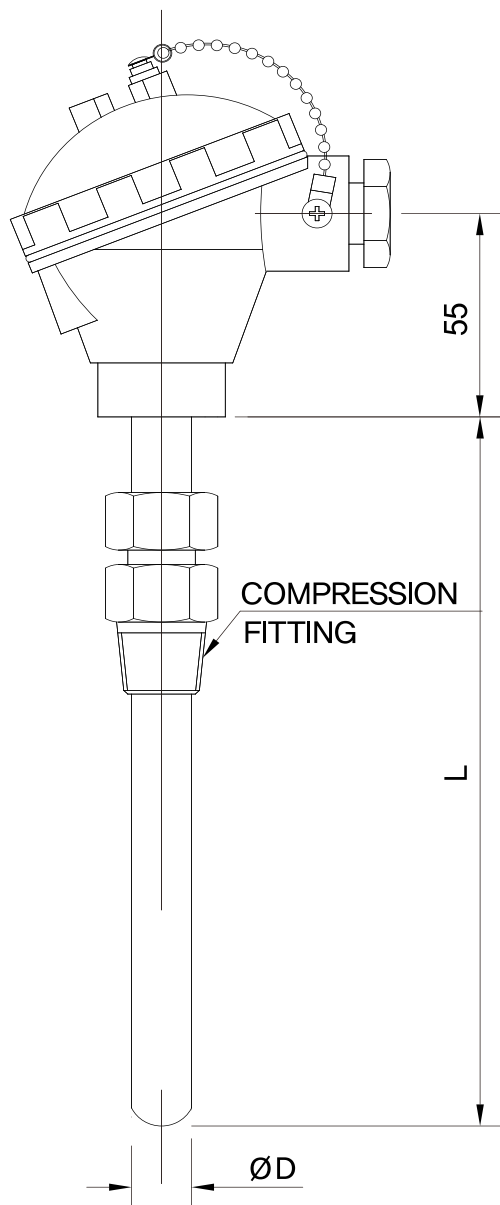
☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

☐ SUS304 ☐ SUS316 ☐

9. LENGTH (L) mm

△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
△					MODEL : KS-1047				
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
(주)온도센서테크					DWG. No. KT-21047				SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. COMPRESSION FITTING

☐ PT ☐ PF ☐ NPT ☐

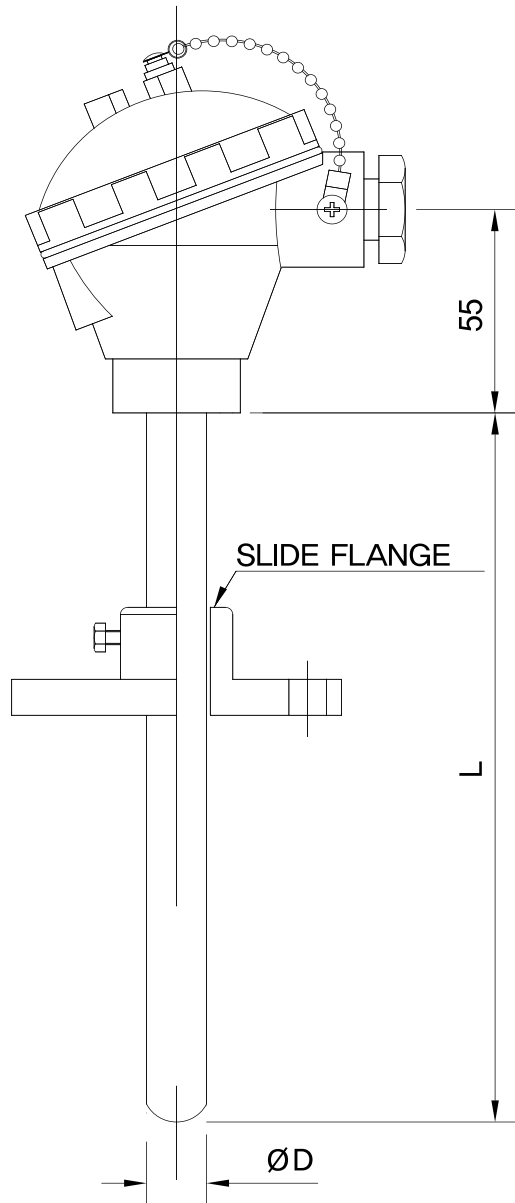
☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

☐ SUS304 ☐ SUS316 ☐

9. LENGTH (L) mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
	NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1048			
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.			SHT.	
(주)온도센서테크					KT-21048				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

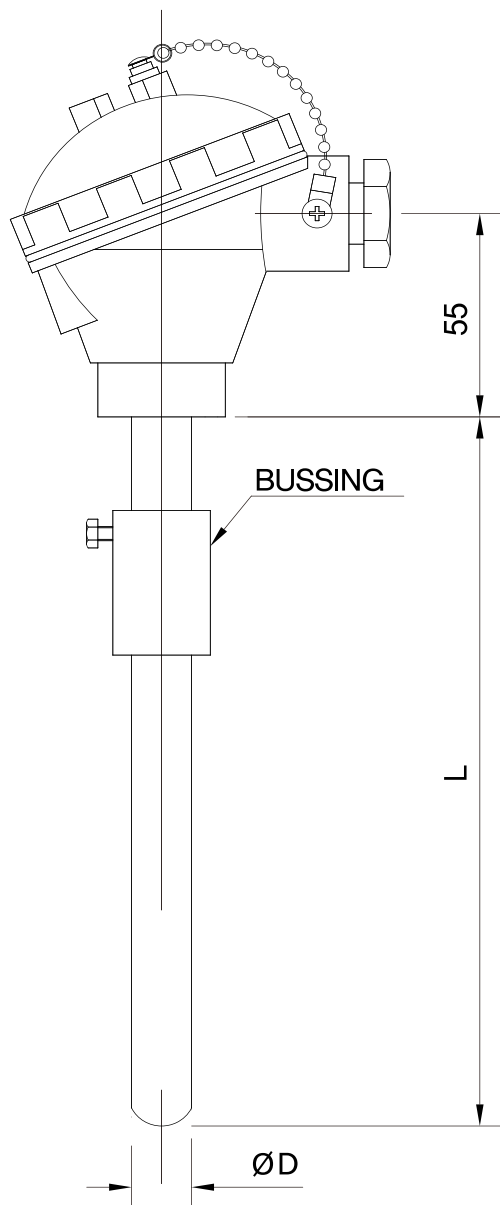
8. FLANGE

MATERIAL

☐ SUS304 ☐ SUS316 ☐

9. LENGTH (L) mm

△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
△					MODEL : KS-1049				
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.				SHT.
					KT-21049				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. RING (mmØ)

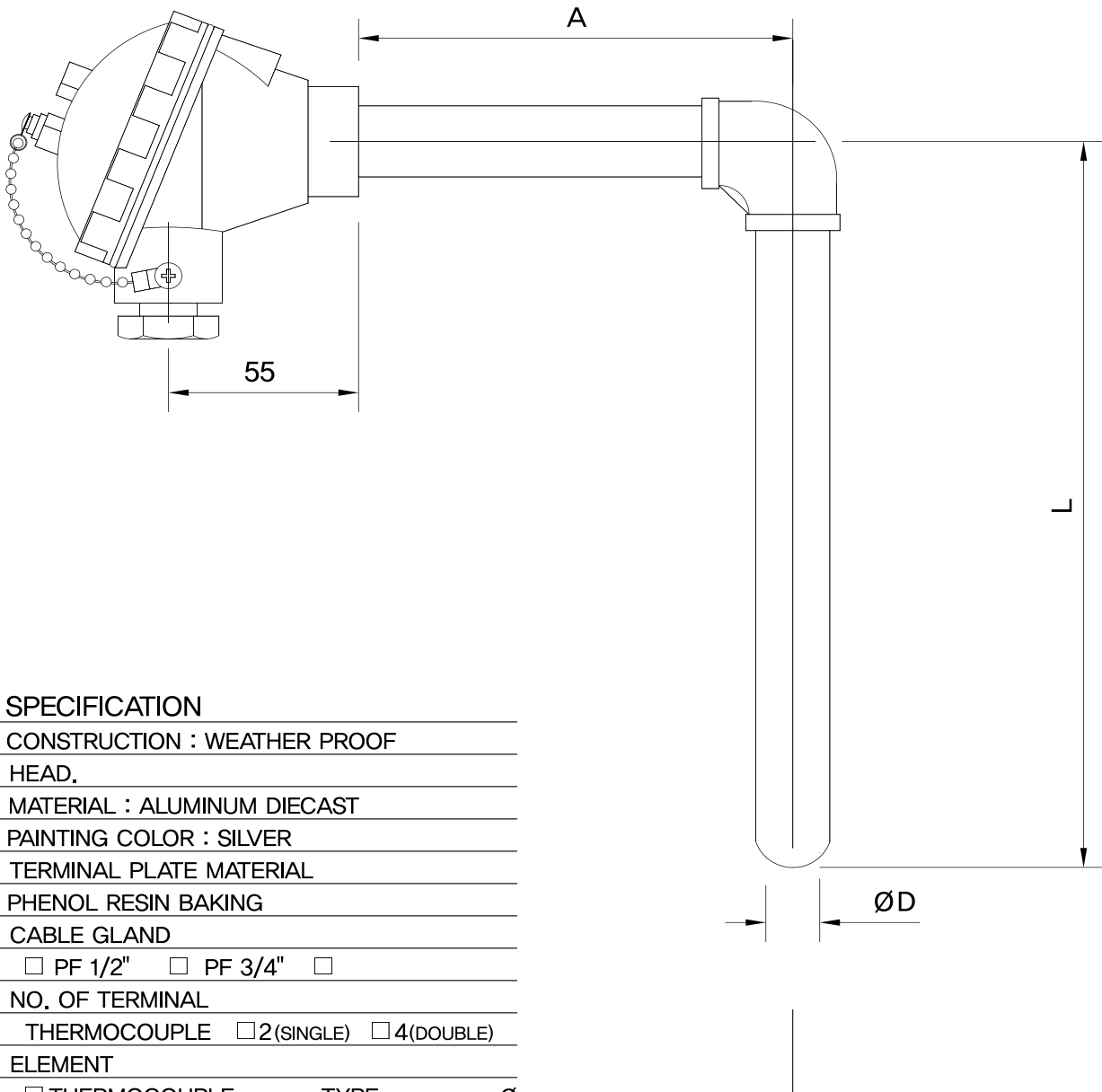
☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐ 25.4

MATERIAL

☐ SUS304 ☐ SUS316 ☐

9. LENGTH (L) mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
	NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1050			
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.			SHT.	
					KT-21050				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

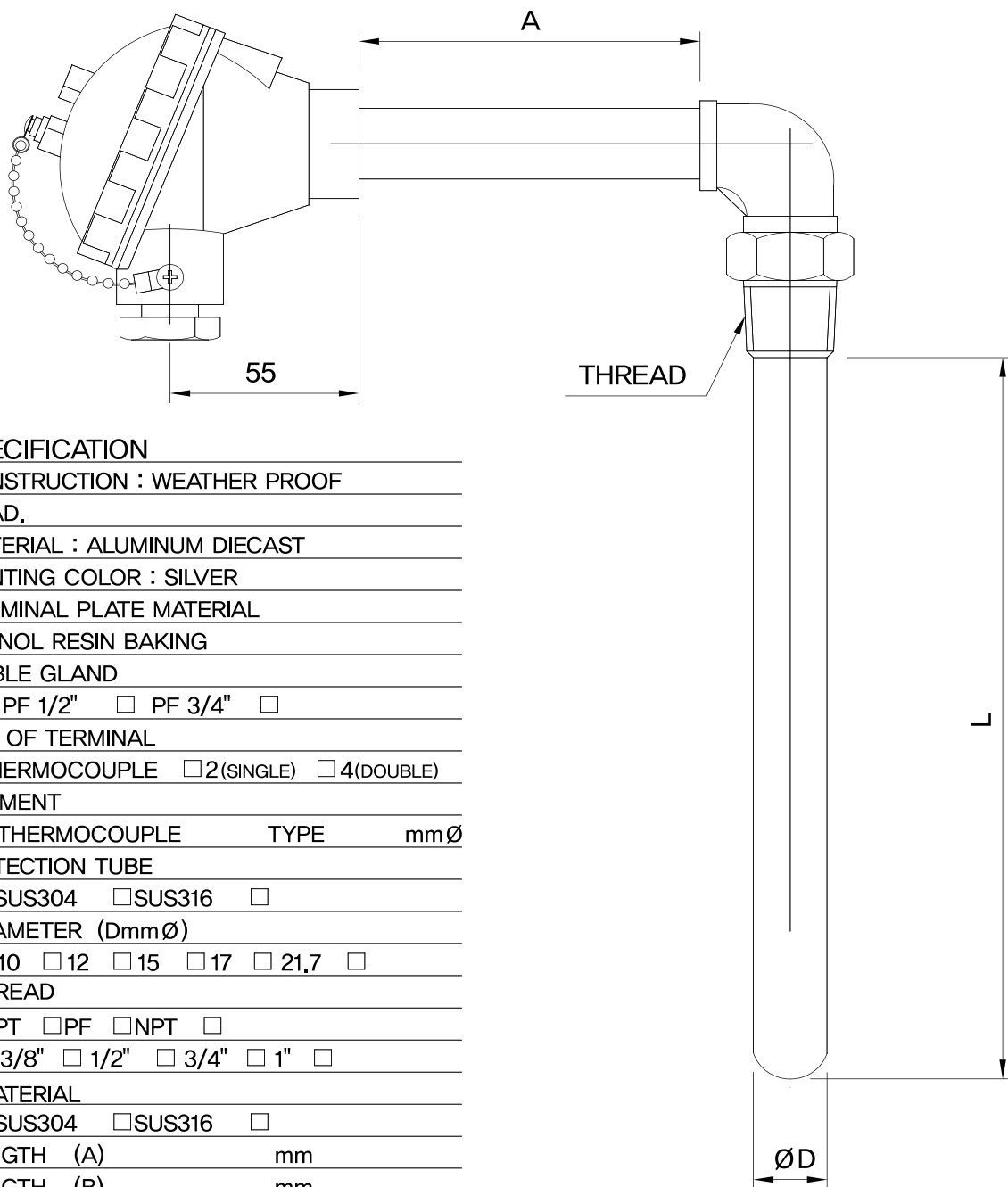
DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. LENGTH (A) mm

LENGTH (L) mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
	NO	DATE	DESCRIPTION	DR,N	CH,D	MODEL : KS-1051			
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.			SHT.	
					KT-21051				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

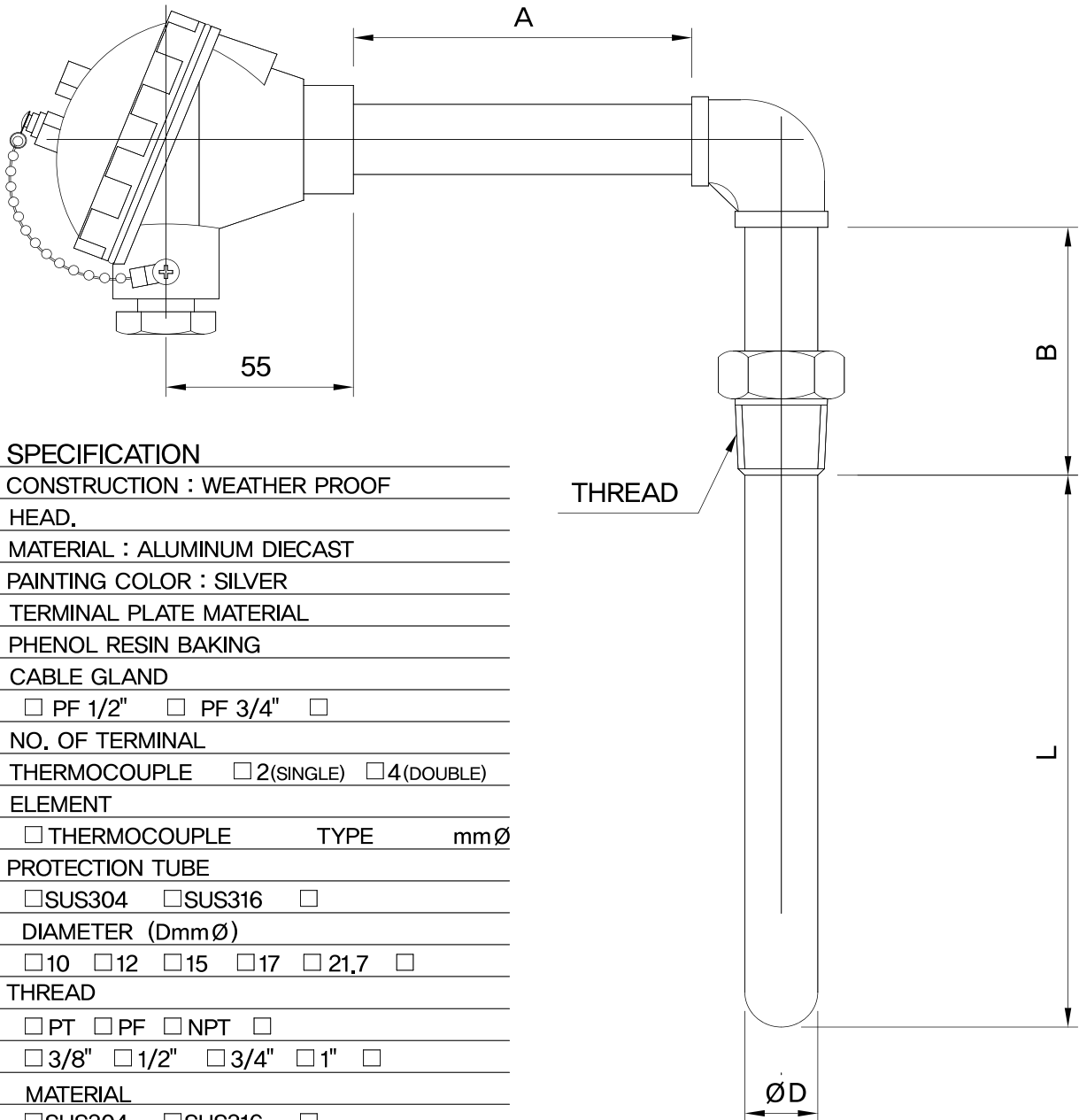
☐ SUS304 ☐ SUS316 ☐

9. LENGTH (A) mm

LENGTH (B) mm

LENGTH (L) mm

△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
△					MODEL : KS-1052				
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.				SHT.
					KT-21052				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

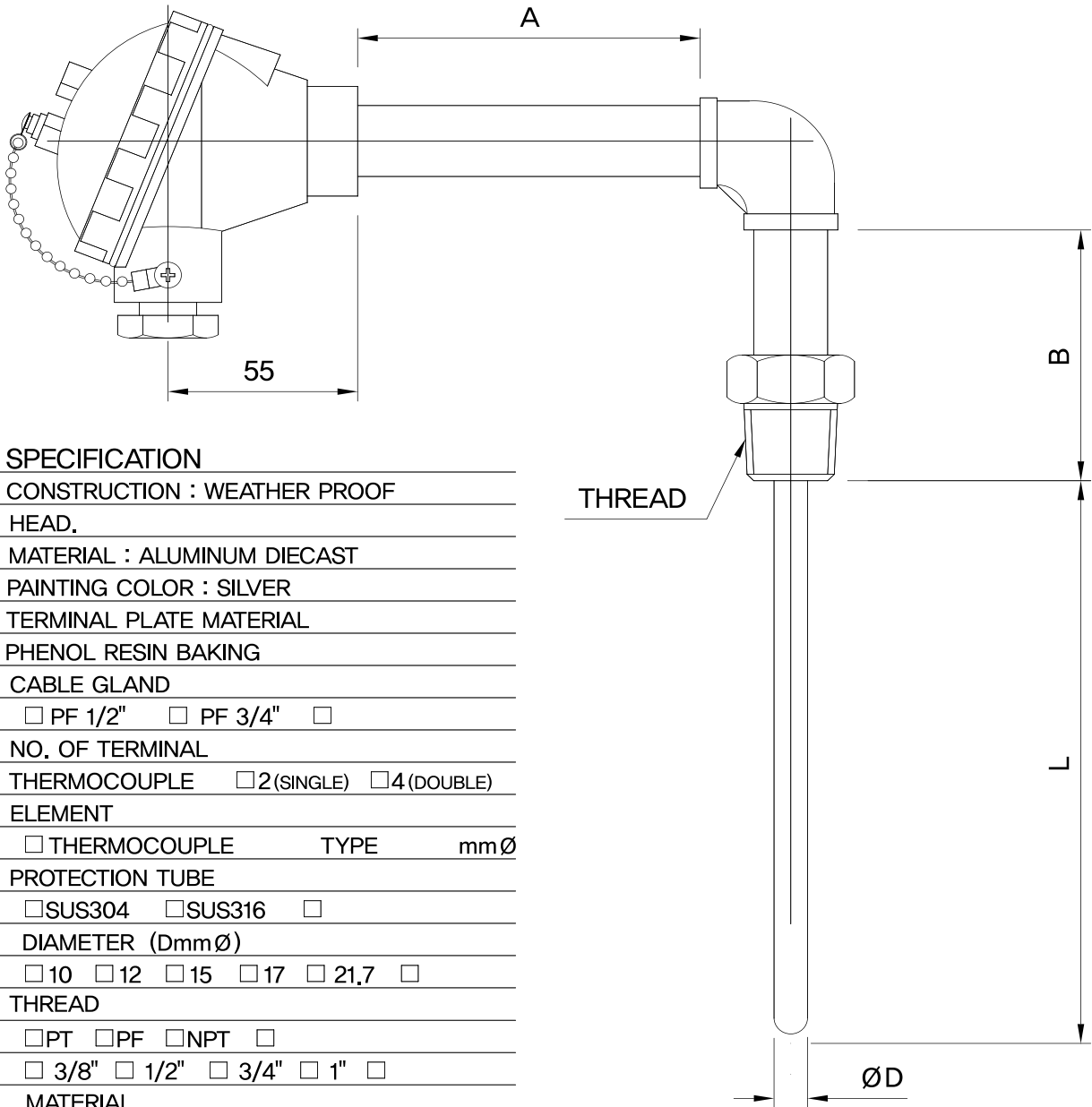
☐ SUS304 ☐ SUS316 ☐

9. LENGTH (A) mm

LENGTH (B) mm

LENGTH (L) mm

△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
△					MODEL : KS-1053				
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.				SHT.
					KT-21053				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2 (SINGLE) ☐ 4 (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. PROTECTION TUBE

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 10 ☐ 12 ☐ 15 ☐ 17 ☐ 21.7 ☐

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

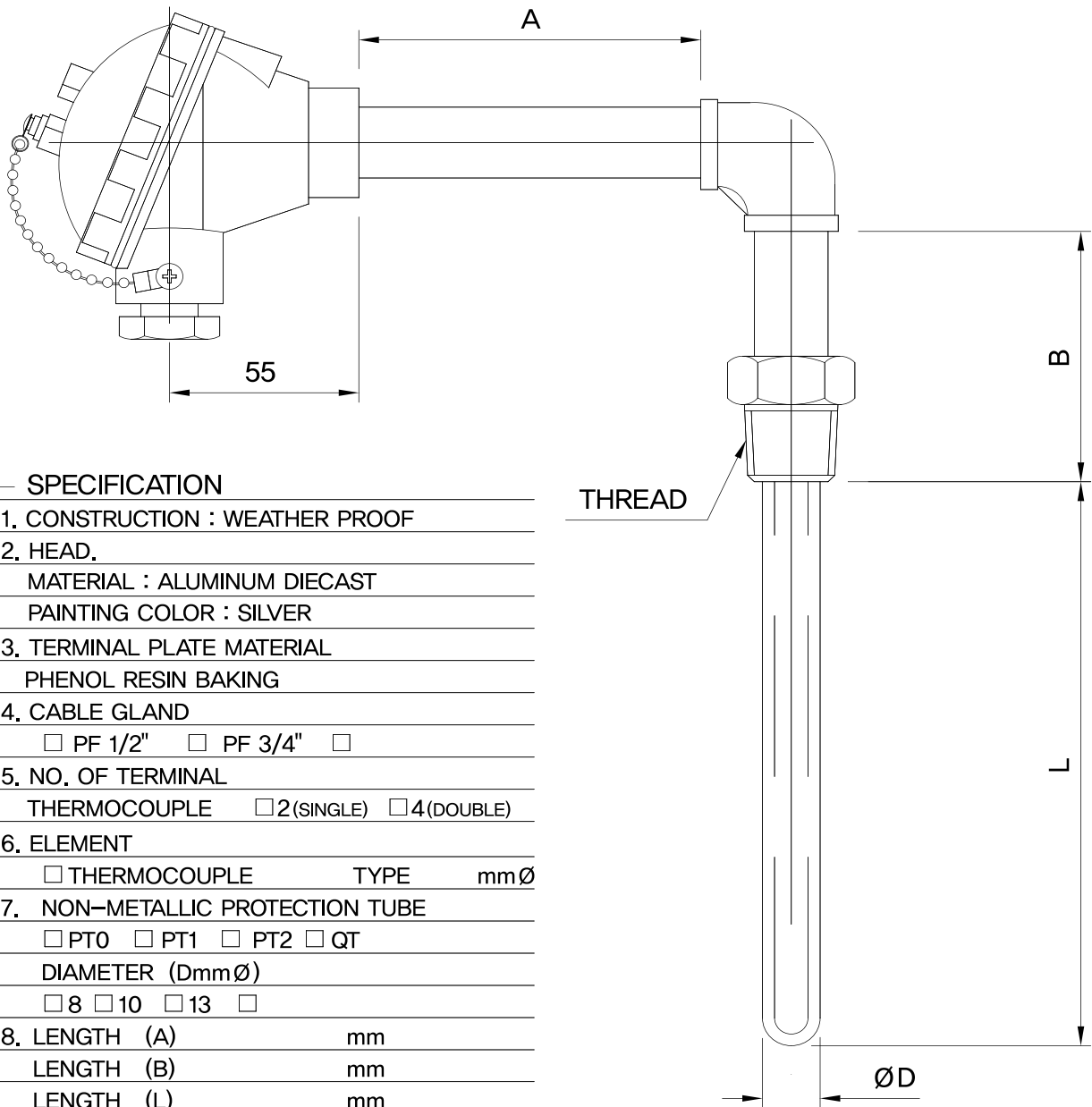
☐ SUS304 ☐ SUS316 ☐

9. LENGTH (A) mm

LENGTH (B) mm

LENGTH (L) mm

△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
△					MODEL : KS-1054				
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.				SHT.
					KT-21054				



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

☐ PF 1/2" ☐ PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ 2(SINGLE) ☐ 4(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. NON-METALLIC PROTECTION TUBE

☐ PT0 ☐ PT1 ☐ PT2 ☐ QT

DIAMETER (DmmØ)

☐ 8 ☐ 10 ☐ 13 ☐

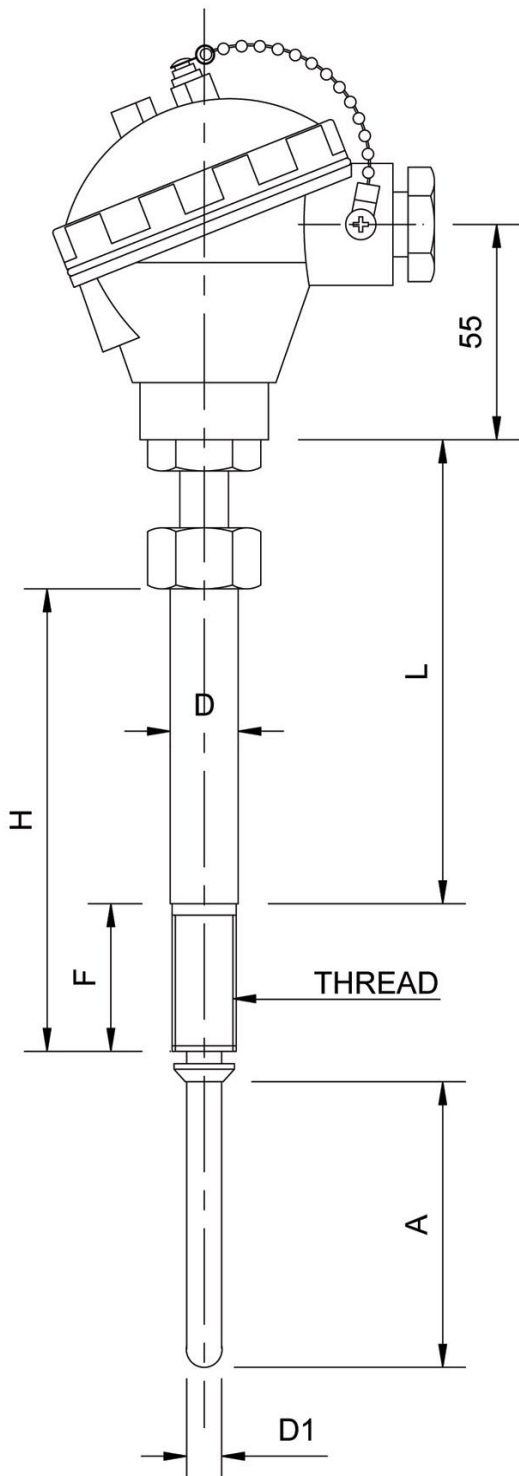
8. LENGTH (A) mm

LENGTH (B) mm

LENGTH (L) mm

DIAMETER (D1) mm

△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE				
△					THERMOCOUPLE				
△					MODEL : KS-1055				
NO	DATE	DESCRIPTION	DR,N	CH,D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE	DIMENSIONS						
		N/S	MILLIMETERS						
					DWG. No.				SHT.
					KT-21055				



SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

PF 1/2" PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE ☐ (SINGLE) ☐ (DOUBLE)

R.T.D. ☐ (SINGLE) ☐ (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C (R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. SHEATH MATERIAL

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 1.6 ☐ 2.3 ☐ 3.2 ☐ 4.8 ☐ 6.4 ☐ 8

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

☐ SUS304 ☐ SUS316 ☐

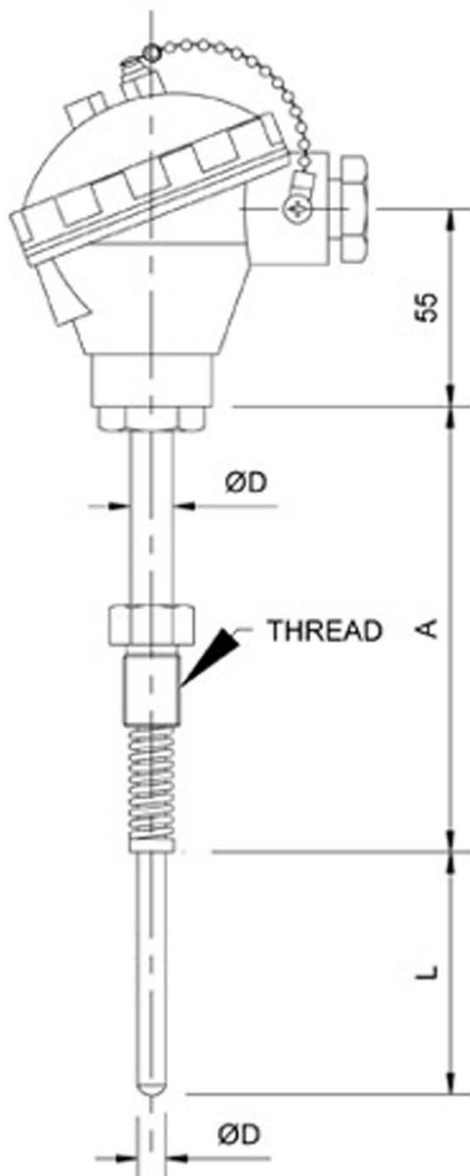
9. LENGTH (A) mm

LENGTH (L) mm

LENGTH (L1) mm

DIAMETER (D1) mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1056				
△									
NO	DATE	DESCRIPTION	DR.N	CH.D					
REVISIONS									
REMARKS	SCALE N/S	DIMENSIONS MILLIMETERS			DATE	APPROVED	CHECKED	DESIGNED	DRAWN
					DWG. No.				SHT.
					KT- 21056				



● SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

RE 1/2" PF 3/4" ☐ ☐

5. NO. OF TERMINAL

THERMOCOUPLE 2 ☐ (SINGLE) 4 ☐ (DOUBLE)

R.T.D. 3 ☐ (SINGLE) 6 ☐ (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

☐ JPT 100ohm at 0 °C (R100/R0=1.3916)

☐ PT 100ohm at 0 °C (R100/R0=1.385)

7. SHEATH MATERIAL

☐ SUS304 ☐ SUS316 ☐

DIAMETER (DmmØ)

☐ 1.6 ☐ 2.3 ☐ 3.2 ☐ 4.8 ☐ 6.4 ☐ 8

8. THREAD

☐ PT ☐ PF ☐ NPT ☐

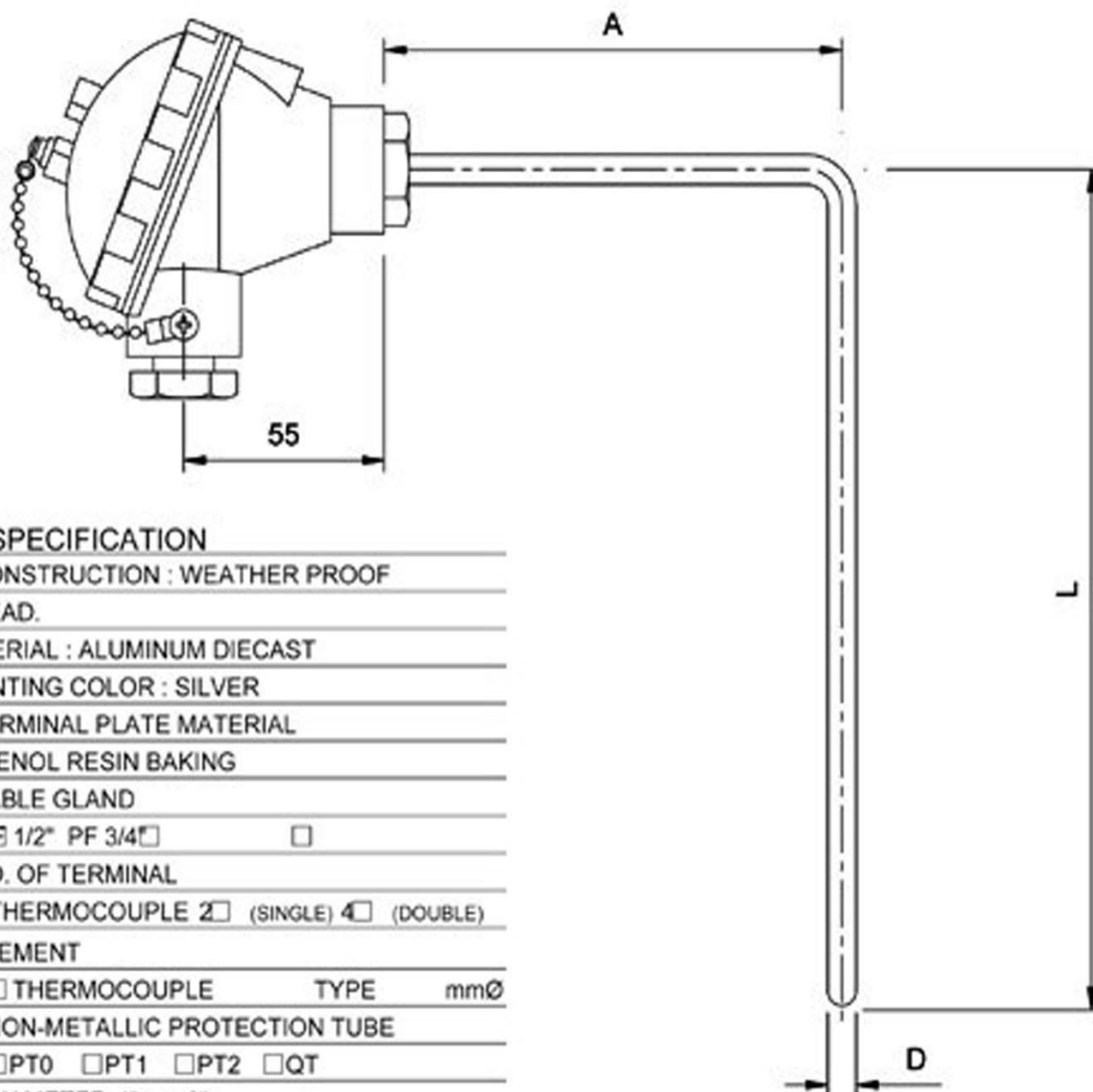
☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1" ☐

MATERIAL

☐ SUS304 ☐ SUS316 ☐

9. LENGTH (L) mm

△									
△					No.	PARTS NAME	MATERIAL	Q'TY	REMARKS
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1057				
△									
NO	DATE	DESCRIPTION	DR.N	CH.D	REVISIONS				
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS						
					DWG. No.		KT- 21057		SHT.



— SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

RE 1/2" PF 3/4" ☐

5. NO. OF TERMINAL

THERMOCOUPLE 2 ☐ (SINGLE) 4 ☐ (DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmØ

7. NON-METALLIC PROTECTION TUBE

☐ PT0 ☐ PT1 ☐ PT2 ☐ QT

DIAMETER (DmmØ)

☐ 8 ☐ 10 ☐ 13 ☐

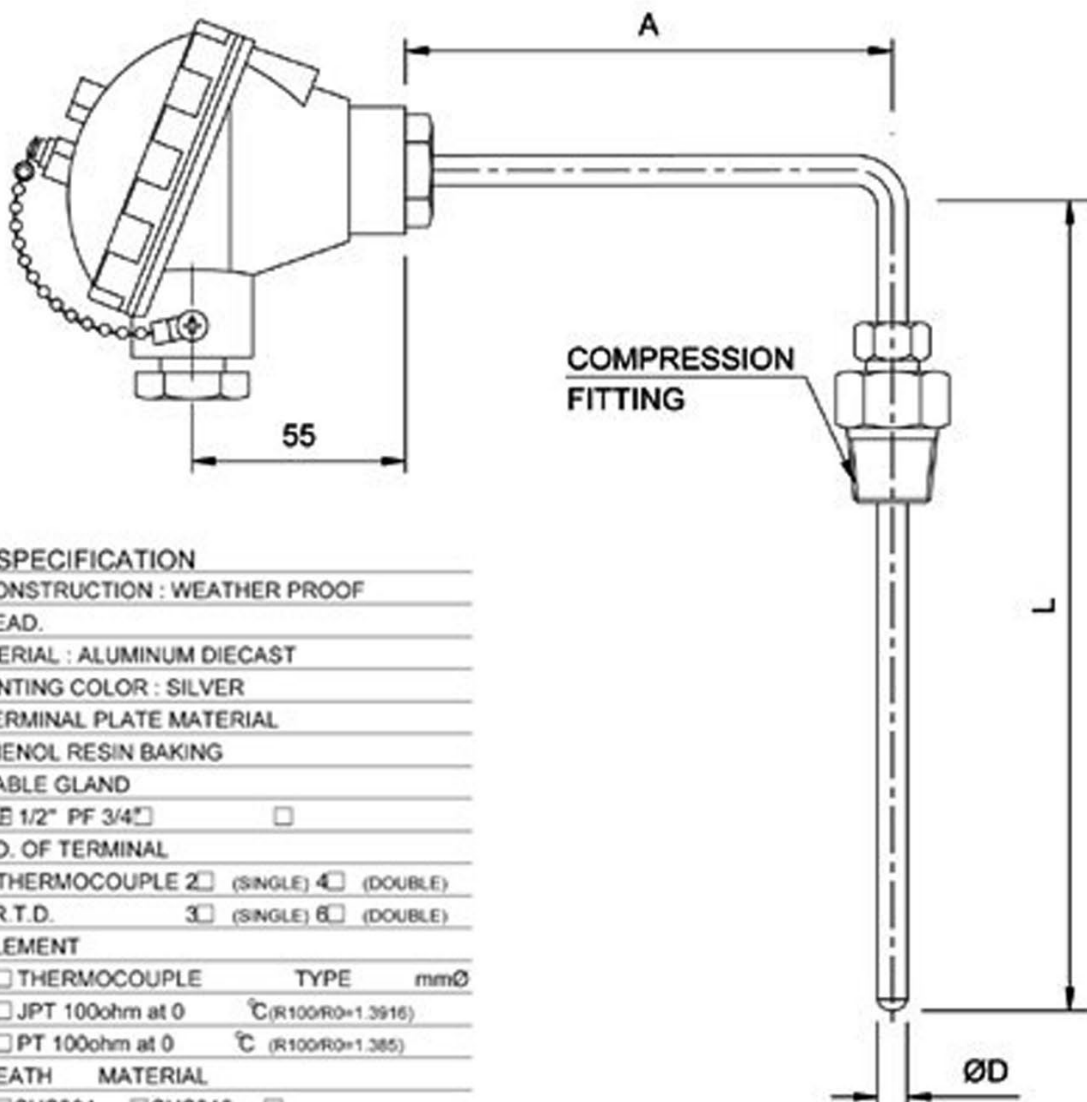
LENGTH (A) mm

LENGTH (B) mm

LENGTH (L) mm

DIAMETER (D1) mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1058				
△									
NO	DATE	DESCRIPTION	DR.N	CH.D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS					DATE				
REMARKS		SCALE	DIMENSIONS		DWG. No.				
		N/S	MILLIMETERS		KT- 21058				
Ⓢ (주)온도센서테크					SHT.				



SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

PE 1/2" PF 3/4"

5. NO. OF TERMINAL

THERMOCOUPLE 2 (SINGLE) 4 (DOUBLE)

R.T.D. 3 (SINGLE) 6 (DOUBLE)

6. ELEMENT

THERMOCOUPLE TYPE mmØ

JPT 100ohm at 0 °C (R100R0=1.3916)

PT 100ohm at 0 °C (R100R0=1.385)

7. SHEATH MATERIAL

SUS304 SUS316

DIAMETER (DmmØ)

1.6 2.3 3.2 4.8 6.4 8

8. COMPRESSION FITTING

PT PF NPT

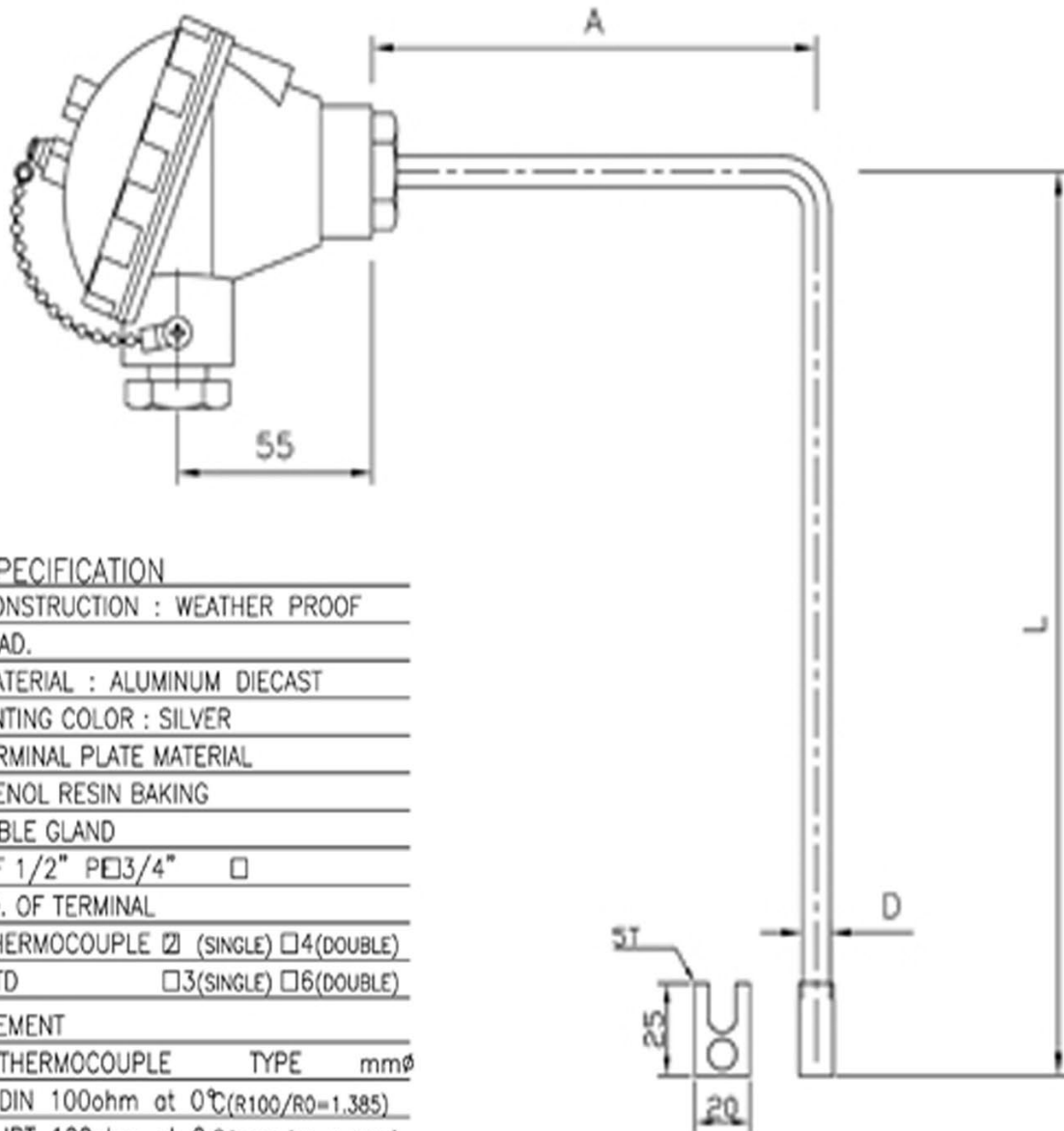
1/4" 3/8" 1/2" 3/4" 1"

MATERIAL

SUS304 SUS316

9. LENGTH (L) mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1059				
△									
NO	DATE	DESCRIPTION	DR.N	CH.D	DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REVISIONS									
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS						
(주)온도센서테크					DWG. No. KT- 21059				SHT.



■ SPECIFICATION

1. CONSTRUCTION : WEATHER PROOF

2. HEAD.

MATERIAL : ALUMINUM DIECAST

PAINTING COLOR : SILVER

3. TERMINAL PLATE MATERIAL

PHENOL RESIN BAKING

4. CABLE GLAND

1/2" PE 3/4" □

5. NO. OF TERMINAL

THERMOCOUPLE ☒ (SINGLE) ☐ 4(DOUBLE)

RTD ☐ 3(SINGLE) ☐ 6(DOUBLE)

6. ELEMENT

☐ THERMOCOUPLE TYPE mmφ

7. ☐ DIN 100ohm at 0℃(R100/R0=1.385)

☐ JPT 100ohm at 0℃(R100/R0=1.3916)

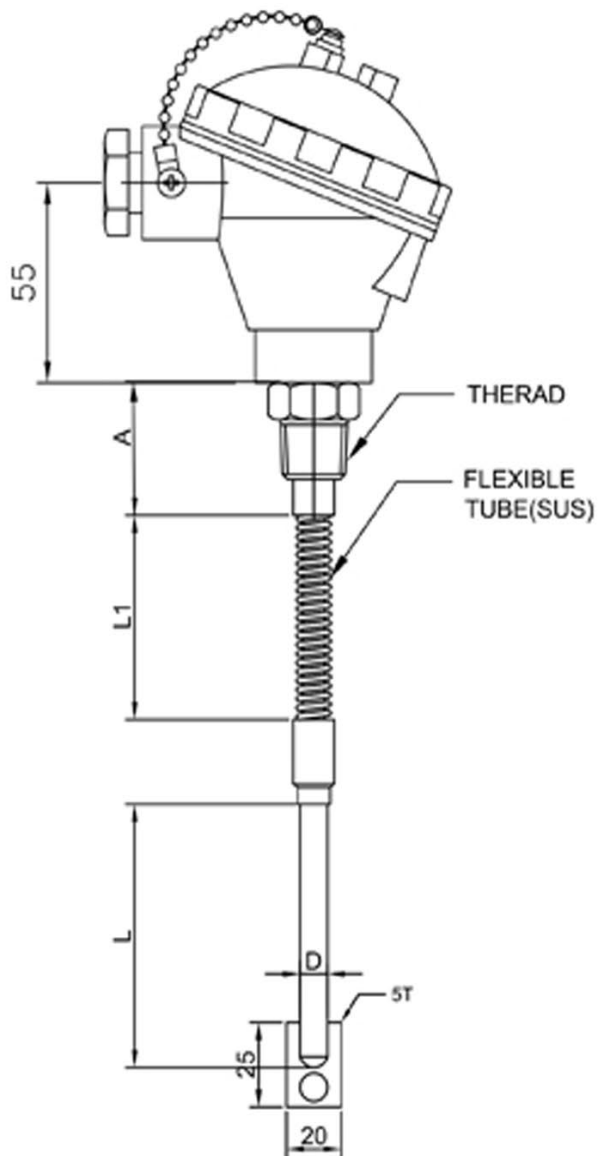
8. SHEATH DIAMETER(Dφ)

☐ φ3.2 ☐ φ4.8 ☐ φ6.4 ☐ φ8.0 ☐

9. LENGTH (A) mm

LENGTH (L) mm

△																																																																															
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS																																																																						
△					TITLE																																																																										
△																																																																															
NO					DATE					DESCRIPTION					DR.N					CH.D					METAL SHEATHED SENSOR																																																						
REVISIONS																									MODEL : KS-1060																																																						
REMARKS										SCALE					DIMENSIONS										DATE					APPROVED					CHECKED					DESIGNED					DRAWN																																		
										N/S					MILLIMETERS																																																																
																									DWG. No.																									KT- 21060																									SHT.				

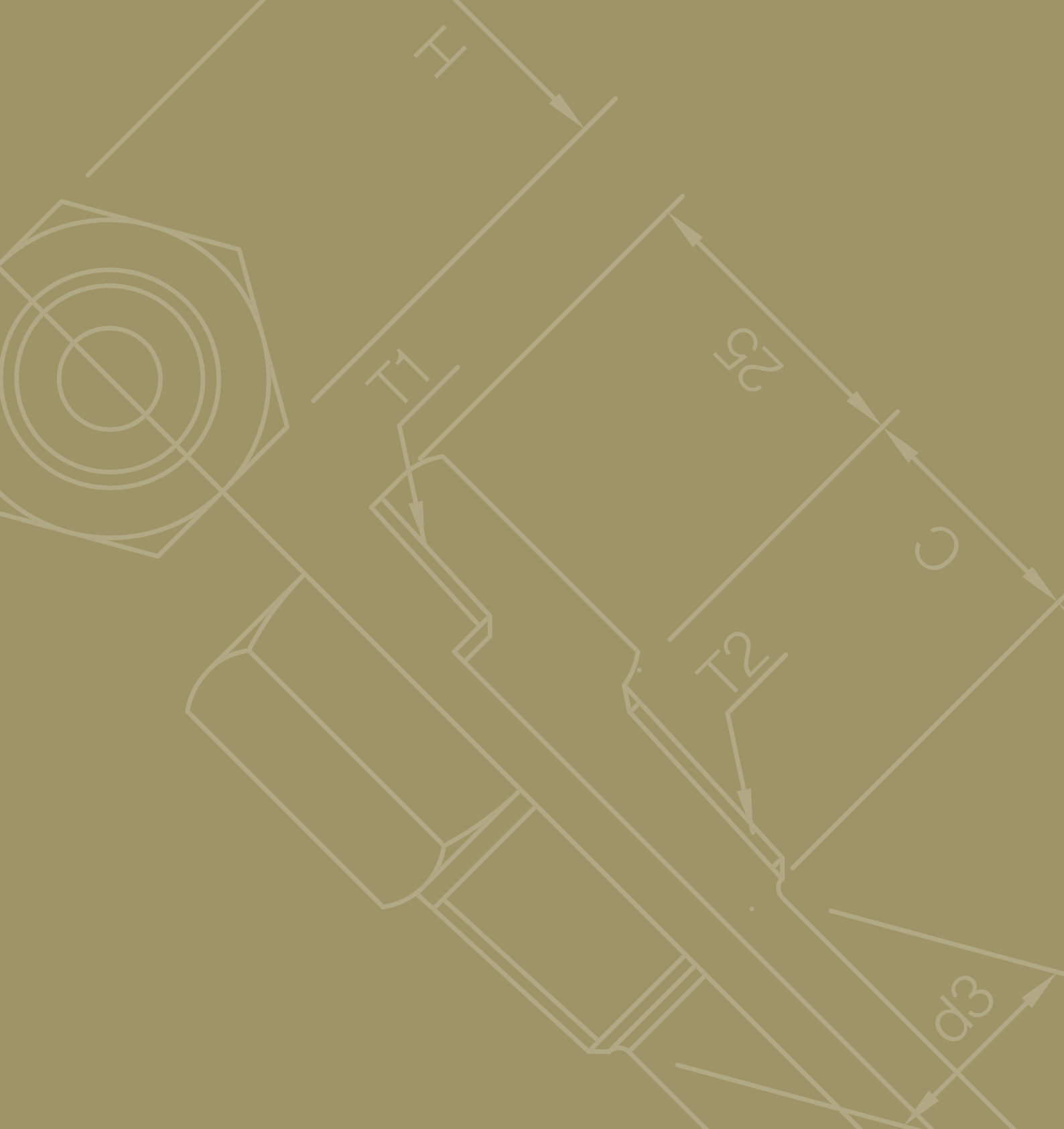


■ SPECIFICATION

1. CONSTRUCTION	WEATHER PROOF
2. HEAD.	
	MATERIAL : ALUMINUM ALLOY
	PAINTING COLOR : METALLIC SILVER
3. TERMINAL PLATE MATERIAL	
	☐ PHENOL RESIN ☐ CERAMIC
4. CONDUIT CONNECTION	
	☐ PF 1/2" ☐ PF 3/4" ☐
5. NO. OF TERMINAL	
	THERMO-COUPLE ☐ SINGLE(2WRE)
	☐ DOUBLE(4WRE)
	R.T.D. ☐ SINGLE(3WRE)
	☐ DOUBLE(6WRE)
6. ELEMENT	
	☐ THERMO-COUPLE TYPE
	☐ JPT 100ohm at 0℃(R100/R0=1.3916)
	☐ DIN 100ohm at 0℃(R100/R0=1.385)
7. GRADE	
	☐ A CLASS ☐ B CLASS
	☐ 0.4 CLASS ☐ 0.75 CLASS
8. SHEATH DIAMETER(D)	
	☐ Ø3.2 ☐ Ø4.8 ☐ Ø6.4 ☐ Ø8.0
	MATERIAL
	☐ SUS304 ☐ SUS316 ☐ INCONEL
9. FLEXIBLE TUBE(SUS304)	
	☐ Ø6.4 ☐ Ø8 ☐ Ø10
10. WELDING PAD TYPE	
11. THERAD	
	☐ PF ☐ PT ☐ NPT
	☐ 1/4" ☐ 3/8" ☐ 1/2" ☐ 3/4" ☐ 1"
	MATERIAL ☐ SUS304 ☐ SUS316
12. LENGTH(A)	mm
FLEXIBLE(L1)	mm
LENGTH(L)	mm

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE METAL SHEATHED SENSOR				
△									
NO	DATE	DESCRIPTION	DR.N	CH.D	MODEL : KS- 1061				
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS						
 (주)온도센서테크					DWG. No. KT- 21061				SHT.

△									
△					No.	PARTS NAME	MATERIAL	QTY	REMARKS
△					TITLE METAL SHEATHED SENSOR MODEL : KS-1062				
△									
	NO	DATE	DESCRIPTION	DR.N					
REVISIONS					DATE	APPROVED	CHECKED	DESIGNED	DRAWN
REMARKS		SCALE N/S	DIMENSIONS MILLIMETERS						
(주)온도센서테크					DWG. No. KT-21062				SHT.



(주)온도센서테크

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