

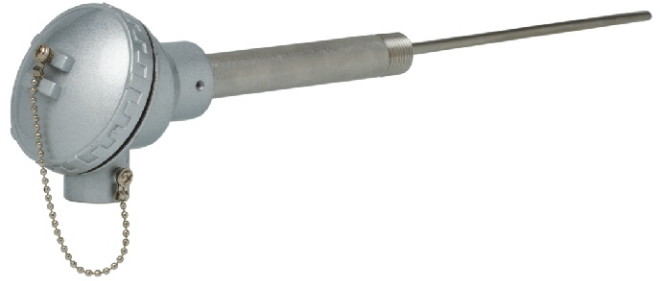
FEATURES

- Nipple extension
- Mineral insulated
- Exchangeable insert
- Spring loaded design

APPLICATION

- Chemical & petrochemical
- Oil & gas application
- Water, waste-water treatment
- Power & Utilities

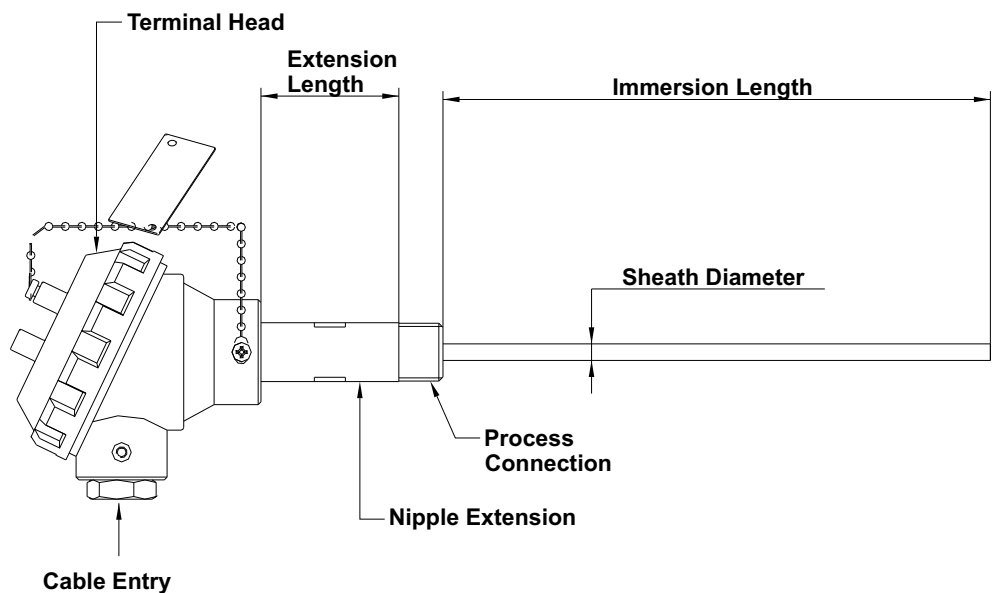
Nipple Extension



STANDARD SPECIFICATIONS

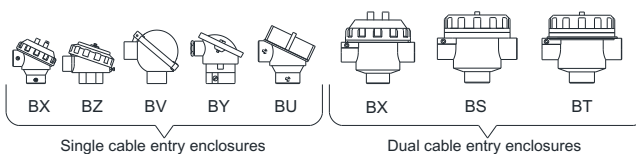
Element	:	Pt-100, class B
Range	:	-200...400°C
Wire combination	:	Simplex, 3 Wire
Sheath material	:	AISI 316 SS
Sheath diameter	:	6.0 mm
Head enclosure	:	Weatherproof, IP 65, threaded cover
Enclosure material	:	Die-cast aluminum
Cable entry	:	3/4" ET (F), 1 No.
Head extension	:	Nipple assembly in ASTM A105 (Cadmium plated)
Head extension length	:	100 mm
Immersion length	:	150 mm
Process connection	:	1/2" NPT (M) / 1/2" BSP (M)

DIMENSIONAL DRAWING



REFERENCE

IEC-751 / DIN 43760



ORDERING CODES

1. ELEMENT

0	Pt100, class A	1	Pt100, class B
2	Pt500, class A	3	Pt500, class B
4	Pt1000, class A	5	Pt1000, class B

2. RANGE

97C	-200...400°C	98C	0...600°C
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3. WIRE COMBINATION

A	Simplex, 2-Wire	C	Simplex, 3-Wire
D	Simplex, 4-Wire	F	Duplex, 2-Wire
H	Duplex, 3-Wire	I	Duplex, 4-Wire

4. SHEATH MATERIAL

MF	AISI 316 SS	MG	AISI 316L SS
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5. SHEATH DIAMETER

M30	3.0 mm ²	M50	5.0 mm
M60	6.0 mm	M80	8.0 mm

6. HEAD ENCLOSURE

BZ	WP, IP 65, threaded cover
BX	WP, IP 67, threaded cover
BS	Flame proof, IP 67, Gr IIA, IIB
BT	Explosion proof, IP 67, Gr IIC
BV	WP, IP 65, Hinged type
BY	WP, IP 65, cover fitted with 2 screws
BU	Ex-Proof to CSA,FM,ATEX [EEx-d]

7. ENCLOSURE MATERIAL

ML	Die-cast aluminum	MC	AISI 304 SS
MF	AISI 316 SS		

8. CABLE ENTRY

C0	3/4" ET (F), 1 No.
C1	1/2" NPT (F), 1 No.
C2	M20 x 1.5mm (F), 1 No.
C3	3/4" NPT (F), 1 No.
C5	3/4" ET (F), 2 Nos.
C6	1/2" NPT (F), 2 Nos.
C8	M20 x 1.5mm (F), 2 Nos.
C9	3/4" NPT (F), 2 Nos.

9. HEAD EXTENSION

N0	Nipple assembly in ASTM A 105
N1	Nipple assembly in AISI 304 SS
N2	Nipple assembly in AISI 316 SS

10. HEAD EXTENSION LENGTH (XL)

XXX	50 mm up to 250 mm
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11. IMMERSION LENGTH (IL)

XXXXX	50 mm up to 10,000 mm
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12. PROCESS CONNECTION

14N	1/2" NPT (M)
14B	1/2" BSP (M)
15N	3/4" NPT (M)
15B	3/4" BSP (M)
14M	M20 X 1.5 mm (M)

13. OTHER OPTIONS

TB	Calibration Certificate
XF	Tag plate, AISI 304 SS
KD	SC, cable gland, Ni-brass WP
KE	DC, cable gland, Ni-brass WP
KJ	SC, cable gland, Ni-brass FP
KK	DC, cable gland, Ni-brass FP
KF	SC, cable gland, AISI 304 SS WP
KG	DC, cable gland, AISI 304 SS WP
KL	SC, cable gland, AISI 304 SS FP
KM	DC, cable gland, AISI 304 SS FP
KH	SC, cable gland, AISI 316 SS WP
KI	DC, cable gland, AISI 316 SS WP
KN	SC, cable gland, AISI 316 SS FP
KO	DC, cable gland, AISI 316 SS FP
KB	Plug fitting for CE, AISI 304 SS
KC	Plug fitting for CE, AISI 316 SS
KU	Plug fitting for CE, Aluminum
KS	SS base plate for transmitter
KT	Head mount transmitter

Ordering Example : R101-1-97C-C-MF-M60-BZ-ML-C0-N0-100-150-14N

NOTES:

- Other sheath diameters, materials and connections are available, please contact factory for details.
- Not available in Double, 4-Wire combinations.
- WP = Weatherproof, FP = Flame proof, SC = Single Compression, DC = Double Compression, CE = Cable Entry
- Transmitter output shall be 4...20 mA as standard, any other output required, please contact factory for details.
- Nipple assembly in ASTM A105 is provided with Cd plating.

FEATURES

- Nipple-Union-Nipple extension
- Mineral insulated
- Exchangeable insert
- Spring loaded design

APPLICATION

- Chemical & petrochemical
- Oil & gas application
- Water, waste-water treatment
- Power & Utilities

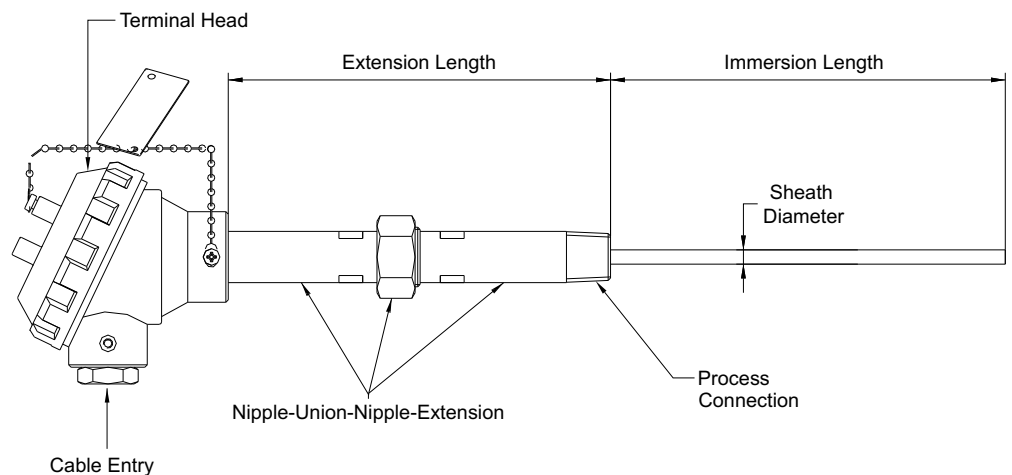
Nipple-Union-Nipple



STANDARD SPECIFICATIONS

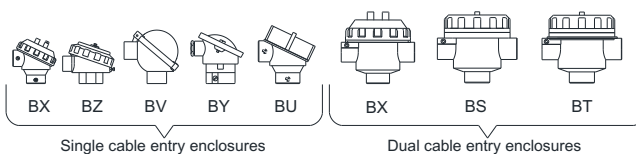
Element	:	Pt-100, class B
Range	:	-200...400°C
Wire combination	:	Simplex, 3 Wire
Sheath material	:	AISI 316 SS
Sheath diameter	:	6.0 mm
Head enclosure	:	Weatherproof, IP 65, threaded cover
Enclosure material	:	Die-cast aluminum
Cable entry	:	3/4" ET (F), 1 No.
Head extension	:	NUN assembly in ASTM A105 (Cadmium plated)
Head extension length	:	150 mm
Immersion length	:	150 mm
Process connection	:	1/2" NPT (M) / 1/2" BSP (M)

DIMENSIONAL DRAWING



REFERENCE

IEC-751 / DIN 43760



ORDERING CODES

1. ELEMENT

0	Pt100, class A	1	Pt100, class B
2	Pt500, class A	3	Pt500, class B
4	Pt1000, class A	5	Pt1000, class B

2. RANGE

97C	-200...400°C	98C	0...600°C
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3. WIRE COMBINATION

A	Simplex, 2-Wire	C	Simplex, 3-Wire
D	Simplex, 4-Wire	F	Duplex, 2-Wire
H	Duplex, 3-Wire	I	Duplex, 4-Wire

4. SHEATH MATERIAL

MF	AISI 316 SS	MG	AISI 316L SS
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5. SHEATH DIAMETER

M30	3.0 mm ²	M50	5.0 mm
M60	6.0 mm	M80	8.0 mm

6. HEAD ENCLOSURE

BZ	WP, IP 65, threaded cover
BX	WP, IP 67, threaded cover
BS	Flame proof, IP 67, Gr IIA, IIB
BT	Explosion proof, IP 67, Gr IIC
BV	WP, IP 65, Hinged type
BY	WP, IP 65, cover fitted with 2 screws
BU	Ex-Proof to CSA,FM,ATEX [EEx-d]

7. ENCLOSURE MATERIAL

ML	Die-cast aluminum
MC	AISI 304 SS
MF	AISI 316 SS

8. CABLE ENTRY

C0	3/4" ET (F), 1 No.
C1	1/2" NPT (F), 1 No.
C2	M20 x 1.5mm (F), 1 No.
C3	3/4" NPT (F), 1 No.
C5	3/4" ET (F), 2 Nos.
C6	1/2" NPT (F), 2 Nos.
C8	M20 x 1.5mm (F), 2 Nos.
C9	3/4" NPT (F), 2 Nos.

9. HEAD EXTENSION

N5	NUN assembly in ASTM A 105
N6	NUN assembly in AISI 304 SS
N7	NUN assembly in AISI 316 SS

10. HEAD EXTENSION LENGTH (XL)

XXX	50 mm up to 250 mm
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11. IMMERSION LENGTH (IL)

XXXXX	50 mm up to 10,000 mm
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12. PROCESS CONNECTION

14N	1/2" NPT (M)
14B	1/2" BSP (M)
15N	3/4" NPT (M)
15B	3/4" BSP (M)
14M	M20 X 1.5 mm (M)

13. OTHER OPTIONS

TB	Calibration Certificate
XF	Tag plate, AISI 304 SS
KD	SC, cable gland, Ni-brass WP
KE	DC, cable gland, Ni-brass WP
KJ	SC, cable gland, Ni-brass FP
KK	DC, cable gland, Ni-brass FP
KF	SC, cable gland, AISI 304 SS WP
KG	DC, cable gland, AISI 304 SS WP
KL	SC, cable gland, AISI 304 SS FP
KM	DC, cable gland, AISI 304 SS FP
KH	SC, cable gland, AISI 316 SS WP
KI	DC, cable gland, AISI 316 SS WP
KN	SC, cable gland, AISI 316 SS FP
KO	DC, cable gland, AISI 316 SS FP
KB	Plug fitting for CE, AISI 304 SS
KC	Plug fitting for CE, AISI 316 SS
KU	Plug fitting for CE, Aluminum
KS	SS base plate for transmitter
KT	Head mount transmitter

Ordering Example : R102-1-97C-C-MF-M60-BZ-ML-C0-N5-150-150-14N

NOTES:

- Other sheath diameters, materials and connections are available, please contact factory for details.
- Not available in Double, 4-Wire combinations.
- WP = Weatherproof, FP = Flame proof, SC = Single Compression, DC = Double Compression, CE = Cable Entry
- Transmitter output shall be 4...20 mA as standard, any other output required, please contact factory for details.
- NUN assembly in ASTM A105 is provided with Cd plating.

FEATURES

- Fixed extension
- Mineral insulated
- Exchangeable insert
- Spring loaded design

APPLICATION

- Chemical & petrochemical
- Oil & gas application
- Water, waste-water treatment
- Power & Utilities

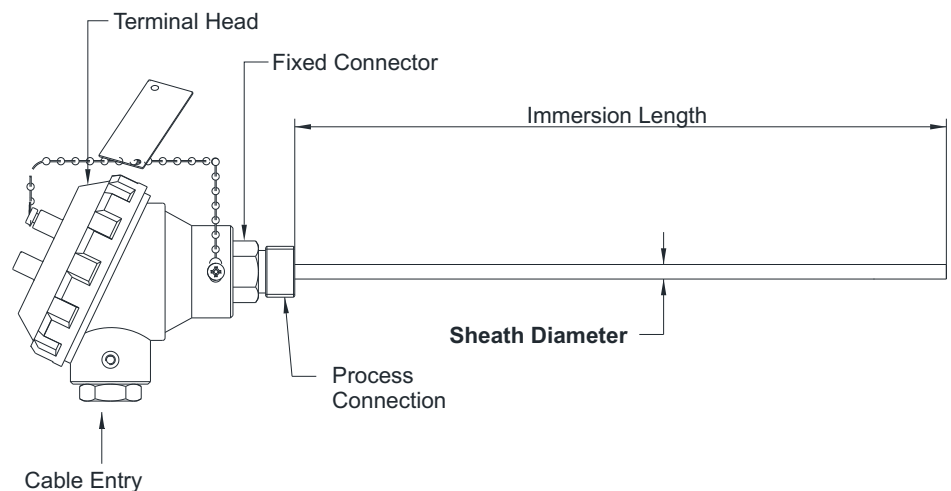
Fix Threaded



STANDARD SPECIFICATIONS

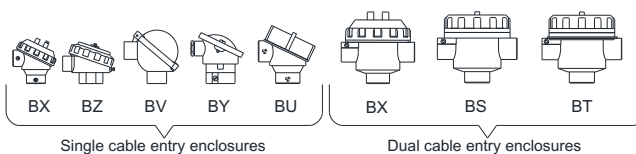
Element	:	Pt-100, class B
Range	:	-200...400°C
Wire combination	:	Simplex, 3 Wire
Sheath material	:	AISI 316 SS
Sheath diameter	:	6.0 mm
Head enclosure	:	Weatherproof, IP 65, threaded cover
Enclosure material	:	Die-cast aluminum
Cable entry	:	3/4" ET (F), 1 No.
Head extension	:	Fixed thread connection
Head extension material	:	AISI 304 SS
Immersion length	:	150 mm
Process connection	:	1/2" NPT (M) / 1/2" BSP (M)

DIMENSIONAL DRAWING



REFERENCE

IEC-751 / DIN 43760



ORDERING CODES

1. ELEMENT

0	Pt100, class A	1	Pt100, class B
2	Pt500, class A	3	Pt500, class B
4	Pt1000, class A	5	Pt1000, class B

2. RANGE

97C	-200...400°C	98C	0...600°C
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3. WIRE COMBINATION

A	Simplex, 2-Wire	C	Simplex, 3-Wire
D	Simplex, 4-Wire	F	Duplex, 2-Wire
H	Duplex, 3-Wire	I	Duplex, 4-Wire

4. SHEATH MATERIAL

MF	AISI 316 SS	MG	AISI 316L SS
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5. SHEATH DIAMETER

M30	3.0 mm ²	M50	5.0 mm
M60	6.0 mm	M80	8.0 mm

6. HEAD ENCLOSURE

BZ	WP, IP 65, threaded cover
BX	WP, IP 67, threaded cover
BS	Flame proof, IP 67, Gr IIA, IIB
BT	Explosion proof, IP 67, Gr IIC
BV	WP, IP 65, Hinged type
BY	WP, IP 65, cover fitted with 2 screws
BU	Ex-Proof to CSA,FM,ATEX [EEx-d]

7. ENCLOSURE MATERIAL

ML	Die-cast aluminum		
MC	AISI 304 SS	MF	AISI 316 SS

8. CABLE ENTRY

C0	3/4" ET (F), 1 No.
C1	1/2" NPT (F), 1 No.
C2	M20 x 1.5mm (F), 1 No.
C3	3/4" NPT (F), 1 No.
C5	3/4" ET (F), 2 Nos.
C6	1/2" NPT (F), 2 Nos.
C8	M20 x 1.5mm (F), 2 Nos.
C9	3/4" NPT (F), 2 Nos.

9. HEAD EXTENSION MATERIAL

MC	AISI 304 SS
MF	AISI 316 SS

10. IMMERSION LENGTH (IL)

XXXXX	50 mm up to 10,000 mm
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11. PROCESS CONNECTION

14N	1/2" NPT (M)
14B	1/2" BSP (M)
15N	3/4" NPT (M)
15B	3/4" BSP (M)
14M	M20 X 1.5 mm (M)

12. OTHER OPTIONS

TB	Calibration Certificate
XF	Tag plate, AISI 304 SS
KD	SC, cable gland, Ni-brass WP
KE	DC, cable gland, Ni-brass WP
KJ	SC, cable gland, Ni-brass FP
KK	DC, cable gland, Ni-brass FP
KF	SC, cable gland, AISI 304 SS WP
KG	DC, cable gland, AISI 304 SS WP
KL	SC, cable gland, AISI 304 SS FP
KM	DC, cable gland, AISI 304 SS FP
KH	SC, cable gland, AISI 316 SS WP
KI	DC, cable gland, AISI 316 SS WP
KN	SC, cable gland, AISI 316 SS FP
KO	DC, cable gland, AISI 316 SS FP
KB	Plug fitting for CE, AISI 304 SS
KC	Plug fitting for CE, AISI 316 SS
KU	Plug fitting for CE, Aluminum
KS	SS base plate for transmitter
KT	Head mount transmitter

Ordering Example : R103-1-97C-C-MF-M60-BZ-ML-C0-MC-150-14N

NOTES:

- Other sheath diameters, materials and connections are available, please contact factory for details.
- Not available in Double, 4-Wire combinations.
- WP = Weatherproof, FP = Flame proof, SC = Single Compression, DC = Double Compression, CE = Cable Entry
- Transmitter output shall be 4...20 mA as standard, any other output required, please contact factory for details.

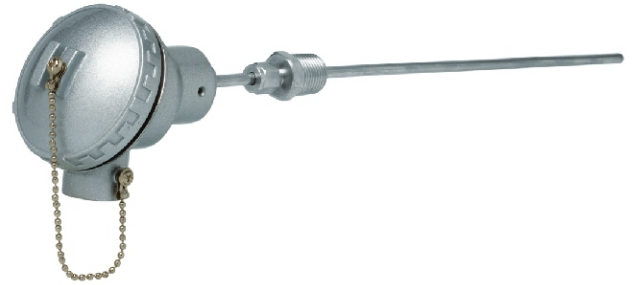
FEATURES

- Adjustable extension
- Mineral insulated
- Exchangeable insert
- Spring loaded design

APPLICATION

- Chemical & petrochemical
- Oil & gas application
- Water, waste-water treatment
- Power & Utilities

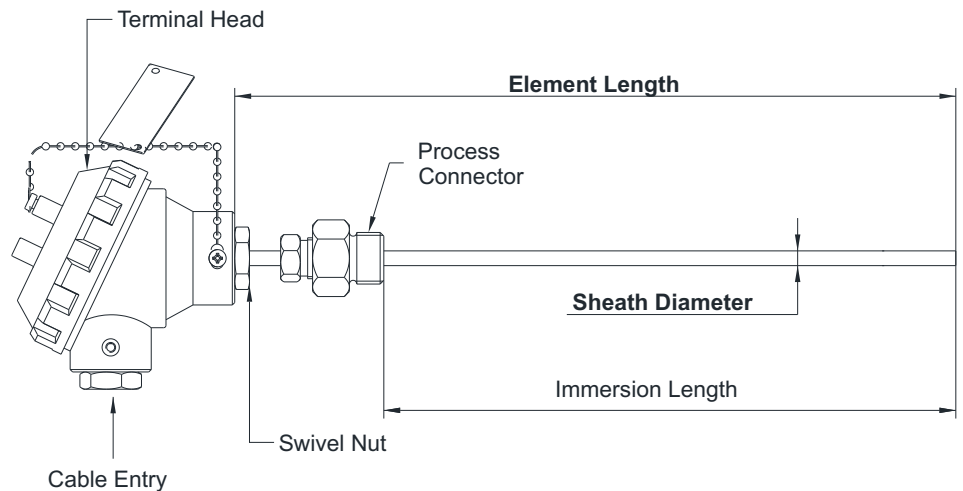
Adjustable Threaded



STANDARD SPECIFICATIONS

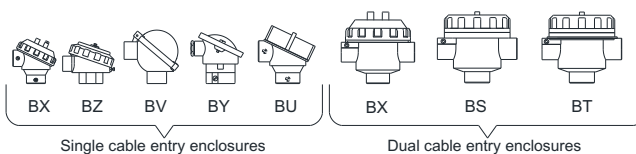
Element	:	Pt-100, class B
Range	:	-200...400°C
Wire combination	:	Simplex, 3 Wire
Sheath material	:	AISI 316 SS
Sheath diameter	:	6.0 mm
Head enclosure	:	Weatherproof, IP 65, threaded cover
Enclosure material	:	Die-cast aluminum
Cable entry	:	3/4" ET (F), 1 No.
Head extension	:	Adjustable threaded connection
Head extension material	:	AISI 304 SS
Immersion length	:	150 mm
Process connection	:	1/2" NPT (M) / 1/2" BSP (M)

DIMENSIONAL DRAWING



REFERENCE

IEC-751 / DIN 43760



ORDERING CODES

1. ELEMENT

0	Pt100, class A	1	Pt100, class B
2	Pt500, class A	3	Pt500, class B
4	Pt1000, class A	5	Pt1000, class B

2. RANGE

97C	-200...400°C	98C	0...600°C
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3. WIRE COMBINATION

A	Simplex, 2-Wire	C	Simplex, 3-Wire
D	Simplex, 4-Wire	F	Duplex, 2-Wire
H	Duplex, 3-Wire	I	Duplex, 4-Wire

4. SHEATH MATERIAL

MF	AISI 316 SS	MG	AISI 316L SS
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5. SHEATH DIAMETER

M30	3.0 mm ²	M50	5.0 mm
M60	6.0 mm	M80	8.0 mm

6. HEAD ENCLOSURE

BZ	WP, IP 65, threaded cover
BX	WP, IP 67, threaded cover
BS	Flame proof, IP 67, Gr IIA, IIB
BT	Explosion proof, IP 67, Gr IIC
BV	WP, IP 65, Hinged type
BY	WP, IP 65, cover fitted with 2 screws
BU	Ex-Proof to CSA,FM,ATEX [Ex-d]

7. ENCLOSURE MATERIAL

ML	Die-cast aluminum	MF	AISI 316 SS
MC	AISI 304 SS		

8. CABLE ENTRY

C0	3/4" ET (F), 1 No.
C1	1/2" NPT (F), 1 No.
C2	M20 x 1.5mm (F), 1 No.
C3	3/4" NPT (F), 1 No.
C5	3/4" ET (F), 2 Nos.
C6	1/2" NPT (F), 2 Nos.
C8	M20 x 1.5mm (F), 2 Nos.
C9	3/4" NPT (F), 2 Nos.

9. HEAD EXTENSION

MC	AISI 304 SS
MF	AISI 316 SS

10. ELEMENT LENGTH (EL)

XXXXX	50 mm up to 10,000 mm
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OR

10. IMMERSION LENGTH (IL)

XXXXX	50 mm up to 10,000 mm
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11. PROCESS CONNECTION

14N	1/2" NPT (M)
14B	1/2" BSP (M)
15N	3/4" NPT (M)
15B	3/4" BSP (M)
14M	M20 X 1.5 mm (M)

12. OTHER OPTIONS

TB	Calibration Certificate
XF	Tag plate, AISI 304 SS
KD	SC, cable gland, Ni-brass WP
KE	DC, cable gland, Ni-brass WP
KJ	SC, cable gland, Ni-brass FP
KK	DC, cable gland, Ni-brass FP
KF	SC, cable gland, AISI 304 SS WP
KG	DC, cable gland, AISI 304 SS WP
KL	SC, cable gland, AISI 304 SS FP
KM	DC, cable gland, AISI 304 SS FP
KH	SC, cable gland, AISI 316 SS WP
KI	DC, cable gland, AISI 316 SS WP
KN	SC, cable gland, AISI 316 SS FP
KO	DC, cable gland, AISI 316 SS FP
KB	Plug fitting for CE, AISI 304 SS
KC	Plug fitting for CE, AISI 316 SS
KU	Plug fitting for CE, Aluminum
KS	SS base plate for transmitter
KT	Head mount transmitter

Ordering Example : R104-1-97C-C-MF-M60-BZ-ML-C0-MC-200/150-14N

NOTES:

- Other sheath diameters, materials and connections are available, please contact factory for details.
- Not available in Double, 4-Wire combinations.
- WP = Weatherproof, FP = Flame proof, SC = Single Compression, DC = Double Compression, CE = Cable Entry
- Transmitter output shall be 4...20 mA as standard, any other output required, please contact factory for details.
- Please mention with the inquiry, if you are choosing "Element length".

FEATURES

- Mineral insulated cable
- Crimp-on-pot sealed
- ISO threaded pot
- Adjustable / fixed connection

APPLICATION

- Power & Utilities
- Water treatment plants
- Furnace, Ovens & Boilers
- Machineries, Plants & Tanks

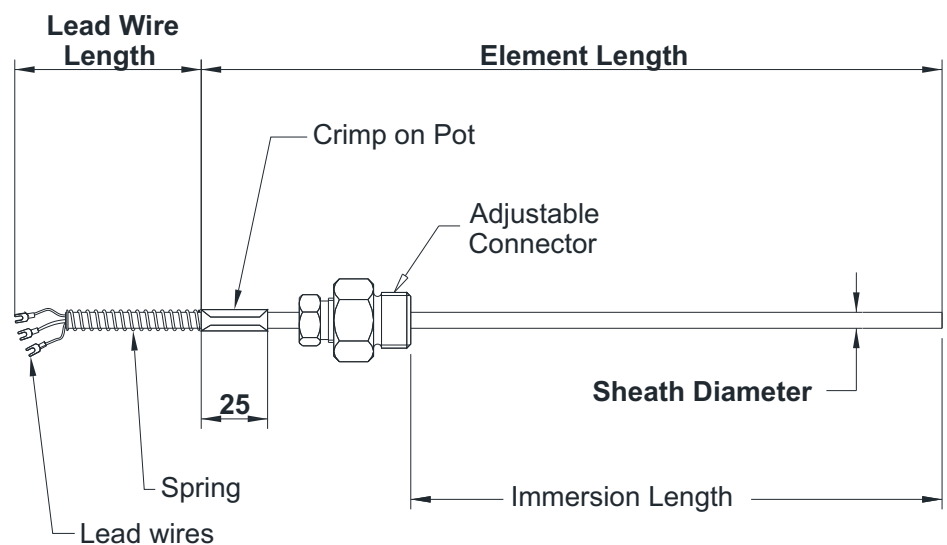
Transition Joint



STANDARD SPECIFICATIONS

Element	:	Pt-100, class B
Range	:	-200...400°C
Wire combination	:	Simplex, 3 Wire
Sheath material	:	AISI 316 SS
Sheath diameter	:	6.0 mm
Cold-end termination	:	Crimp-on pot
Immersion length	:	150 mm
Lead wire length	:	3000 mm
Lead wire type	:	PTFE / PTFE / SS Braided Lead wires
Process connection type	:	Adjustable
Process connection	:	1/2" NPT (M) / 1/2" BSP (M)

DIMENSIONAL DRAWING



REFERENCE

IEC-751 / DIN 43760

ORDERING CODES

1. ELEMENT	1	7. ELEMENT LENGTH (EL)	225
0 Pt100, class A		XXXXX 50 mm up to 10,000 mm	
1 Pt100, class B		OR	
2 Pt500, class A		7. IMMERSION LENGTH (IL)	150
3 Pt500, class B		XXXXX 50 mm up to 10,000 mm	
4 Pt1000, class A		8. LEAD WIRE LENGTH (WL)	3000
5 Pt1000, class B		XXXXX Up to 25,000 mm	
2. RANGE	97C	9. LEAD WIRE TYPE	KR
97C -200...400°C		KP PTFE insulated	
98C 0...600°C		KQ PTFE / PTFE insulated	
3. WIRE COMBINATION	C	KR PTFE / PTFE / SS braided	
A Simplex, 2-Wire		KS FG / FG / SS braided	
C Simplex, 3-Wire		KV PTFE / PTFE / Silicon Rubber insulated	
D Simplex, 4-Wire		10. PROCESS CONNECTION TYPE	KW
F Duplex, 2-Wire		KW Adjustable connection	
H Duplex, 3-Wire		KX Fixed connection	
I Duplex, 4-Wire		11. PROCESS CONNECTION	14N
4. SHEATH MATERIAL	MF	12N 1/4" NPT (M)	
MF AISI 316 SS		12B 1/4" BSP (M)	
MG AISI 316L SS		14N 1/2" NPT (M)	
5. SHEATH DIAMETER	M60	14B 1/2" BSP (M)	
M30 3.0 mm ²		12. OTHER OPTIONS	XX
M50 5.0 mm		TB Calibration Certificate	
M60 6.0 mm		XF Tag plate, AISI 304 SS	
M80 8.0 mm			
6. COLD END TERMINATION	X0		
X0 Crimp-on-pot sealed			
K6 ø6 mm ISO threaded pot			
K7 ø8 mm ISO threaded pot			
K8 ø10 mm ISO threaded pot			
K9 ø12 mm ISO threaded pot			

Ordering Example : R201-1-97C-C-MF-M60-X0-225/150-3000-KR-KW-14N

NOTES:

- Other sheath diameters, materials and connections are available, please contact factory for details.
- Available in Single, 2-Wire combination only.
- FG = Fiber Glass
- Please mention with the inquiry, if you are choosing "Immersion length".

FEATURES

- Plug & Jack Connection
- Mineral insulated
- OMEGA / LEMO connectors
- Simplex configuration
- Adjustable connection

APPLICATION

- Power & Utilities
- Auto-clave applications
- Pharmaceuticals

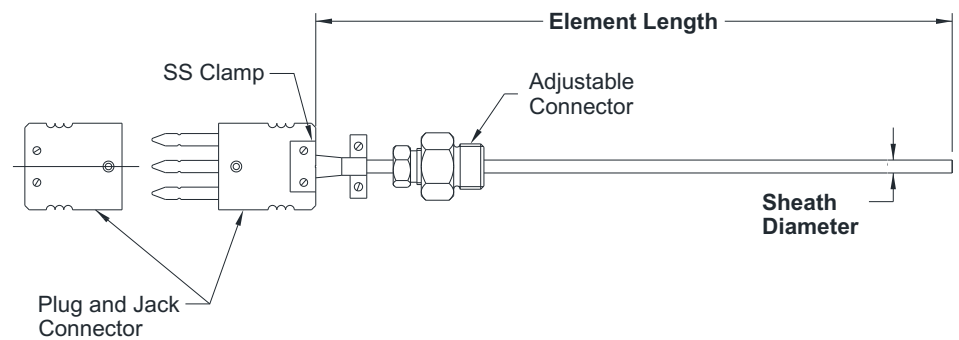
Plug & Jack Connector



STANDARD SPECIFICATIONS

Element	:	Pt-100, class B
Range	:	-200...400°C
Wire combination	:	Simplex, 3 Wire
Sheath material	:	AISI 316 SS
Sheath diameter	:	6.0 mm
Cold-end termination	:	Standard Plug & Jack Connector
Element length	:	150 mm
Process connection	:	1/2" NPT (M) / 1/2" BSP (M), Adjustable

DIMENSIONAL DRAWING



REFERENCE

IEC-751 / DIN 43760

ORDERING CODES

1. ELEMENT

0	Pt100, class A
1	Pt100, class B
2	Pt500, class A
3	Pt500, class B
4	Pt1000, class A
5	Pt1000, class B

1

6. COLD END TERMINATION

J0	Standard plug & jack connector
J1	Miniature plug & jack connector
J2	OMEGA Standard connector
J3	OMEGA Miniature connector
J4	LEMO Standard connector
J5	LEMO Miniature connector

J0

2. RANGE

97C -200...400°C

97C

7. ELEMENT LENGTH (EL)

XXXXX 50 mm up to 10,000 mm

150

3. WIRE COMBINATION

C Simplex, 3-Wire

C

8. PROCESS CONNECTION

12N	1/4" NPT (M)
12B	1/4" BSP (M)
14N	1/2" NPT (M)
14B	1/2" BSP (M)

14N

4. SHEATH MATERIAL

MF AISI 316 SS
MG AISI 316L SS

MF

9. OTHER OPTIONS

TB	Calibration Certificate
XF	Tag plate, AISI 304 SS

XX

5. SHEATH DIAMETER

M30 3.0 mm²
M50 5.0 mm
M60 6.0 mm
M80 8.0 mm

M60

Ordering Example : R202-1-97C-C-MF-M60-J0-150-14N

NOTES:

1. Other sheath diameters, materials and connections are available, please contact factory for details.

FEATURES

- Mineral insulated
- Spring Loaded Design
- Ceramic block with Ni-plated or Silver plated terminals

APPLICATION

- Spares
- Replacement of Existing assemblies in the field

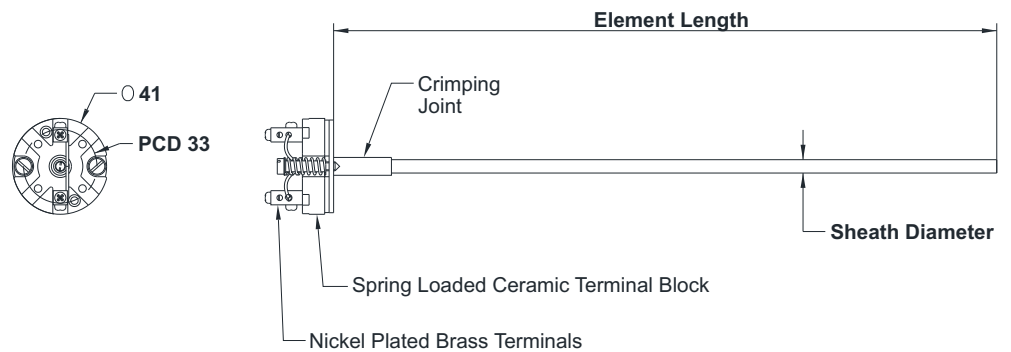
Spring Loaded Terminal Block



STANDARD SPECIFICATIONS

Element	:	Pt-100, class B
Range	:	-200...400°C
Wire combination	:	Simplex, 3 Wire
Sheath material	:	AISI 316 SS
Sheath diameter	:	6.0 mm
Cold-end termination	:	Spring Loaded Terminal Block
	:	(OD = 41 mm ,PCD = 33 mm)
Element length	:	150 mm

DIMENSIONAL DRAWING



REFERENCE

IEC-751 / DIN 43760

ORDERING CODES

1. ELEMENT

- 0 Pt100, class A
- 1 Pt100, class B
- 2 Pt500, class A
- 3 Pt500, class B
- 4 Pt1000, class A
- 5 Pt1000, class B

1

2. RANGE

- 97C -200...400°C
- 98C 0...600°C

97C

3. WIRE COMBINATION

- A Simplex, 2-Wire
- C Simplex, 3-Wire
- D Simplex, 4-Wire
- F Duplex, 2-Wire
- H Duplex, 3-Wire
- I Duplex, 4-Wire

C

4. SHEATH MATERIAL

- MF AISI 316 SS
- MG AISI 316L SS

MF

5. SHEATH DIAMETER

- M30 3.0 mm²
- M50 5.0 mm
- M60 6.0 mm
- M80 8.0 mm

M60

6. COLD END TERMINATION

- KY Terminal block, spring loaded
Ø41mm/PCD33mm
- KZ Terminal block, spring loaded
Ø55mm/PCD46mm

KY

7. ELEMENT LENGTH (IL)

- XXXXX 50 mm up to 10,000 mm

150

8. OTHER OPTIONS

- TB Calibration Certificate
- XF Tag plate, AISI 304 SS

XX

Ordering Example : R203-1-97C-C-MF-M60-KY-150

NOTES:

1. Other sheath diameters, materials and connections are available, please contact factory for details.
2. Not available in Double, 4-Wire combinations.

FEATURES

- With Flexible Cable
- Various designs of Hot ends

APPLICATION

- Bearing temperature
- Turbines

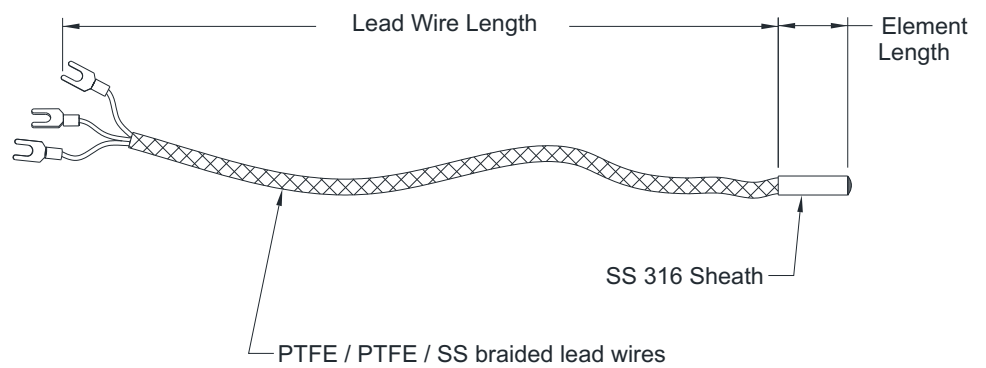
Bearing



STANDARD SPECIFICATIONS

Element	:	Pt-100, class B
Range	:	-200...400°C
Wire combination	:	Simplex, 3 Wire
Sheath material	:	AISI 316 SS
Sheath diameter	:	6.0 mm
Element length	:	25 mm
Lead wire length	:	3000 mm
Lead Wire type	:	PTFE / PTFE / SS Braided Lead wires

DIMENSIONAL DRAWING



REFERENCE

IEC-751 / DIN 43760

ORDERING CODES

1. ELEMENT		1	5. SHEATH DIAMETER		M60
0 Pt100, class A			M30 3.0 mm ²		
1 Pt100, class B			M50 5.0 mm		
2 Pt500, class A			M60 6.0 mm		
3 Pt500, class B			M80 8.0 mm		
4 Pt1000, class A					
5 Pt1000, class B					
2. RANGE		97C	6. ELEMENT LENGTH (EL)		25
97C -200...400°C			XXXXX Up to 50 mm		
3. WIRE COMBINATION		C	7. LEAD WIRE LENGTH (WL)		3000
A Simplex, 2-Wire			XXXXX Up to 25,000 mm		
C Simplex, 3-Wire			8. COLD END TERMINATION		KR
D Simplex, 4-Wire			KP PTFE insulated		
F Duplex, 2-Wire			KQ PTFE / PTFE insulated		
H Duplex, 3-Wire			KR PTFE / PTFE / SS braided		
I Duplex, 4-Wire			KS FG / FG / SS braided		
			KV PTFE / PTFE / Silicon Rubber insulated		
4. SHEATH MATERIAL		MF	9. OTHER OPTIONS		XX
MF AISI 316 SS			TB Calibration Certificate		
MG AISI 316L SS			XF Tag plate, AISI 304 SS		

Ordering Example : R204-1-97C-C-MF-M60-25-3000-KR

NOTES:

1. Other sheath diameters, materials and connections are available, please contact factory for details.
2. Not available in Double, 4-Wire combinations.