

FEATURES

- Weld-Pad connection
- Mineral insulated
- Exchangeable insert
- Spring loaded design

APPLICATION

- Surface temperature
- Measurement of Heater tubes on flat surfaces
- Power & Utilities

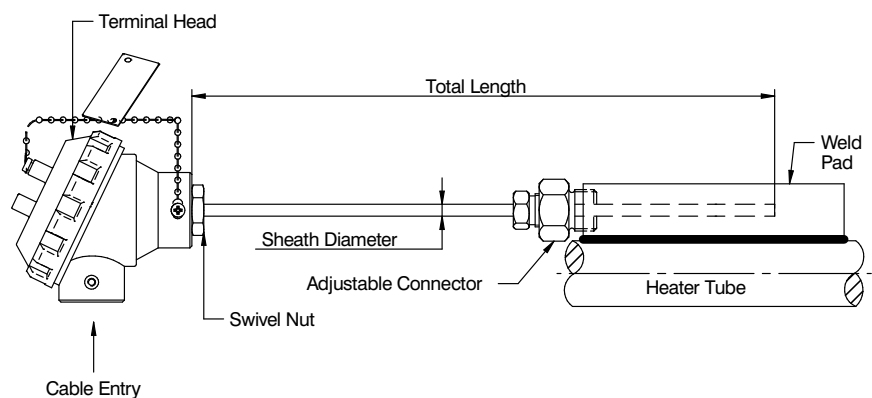
Weld-pad Mounting



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.
Mounting type	:	Bracket Mounting for Head
Weld pad size	:	50 mm X 25 mm X 25 mm
Weld pad material	:	AISI 316 SS
Total length	:	350 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

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. MOUNTING TYPE

B0	Local mounting, no bracket
B1	Bracket mounting, for head
B2	2" Pipe mounting bracket
B3	Surface mounting, for JB

10. WELD PAD / INTEGRAL COLLAR SIZE

W0	Rectangle, 100 x 25 x 25 mm
W1	Rectangle, 100 x 50 x 50 mm
W2	Rectangle, 50 x 25 x 25 mm
W4	Integral collar, 30 x 19 x 10 mm
W5	Integral collar, 40 x 19 x 10 mm
W6	Integral collar, 50 x 19 x 10 mm

11. WELD PAD MATERIAL

MF	AISI 316 SS
ME	AISI 310 SS
M6	AISI 446 SS
MQ	Inconel 600

12. TOTAL LENGTH (TL)

XXXXX	50 mm up to 25,000 mm
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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 : R301-1-97C-C-MF-M60-BZ-ML-C0-B1-W2-MF

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, JB = Junction Box.
- Transmitter output shall be 4...20 mA as standard, any other output required, please contact factory for details.