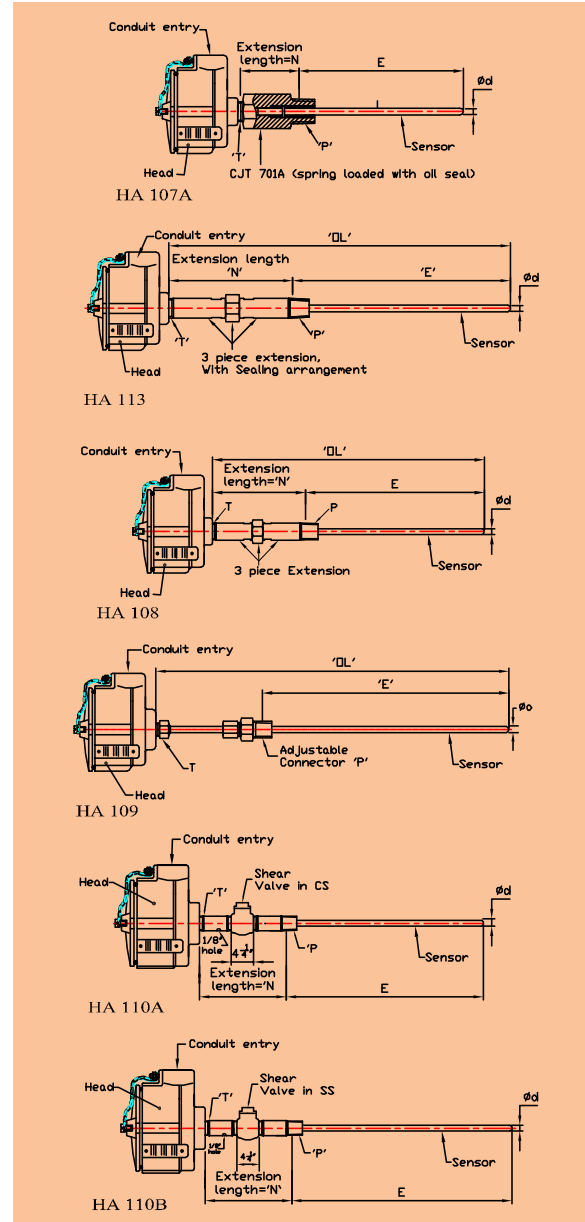
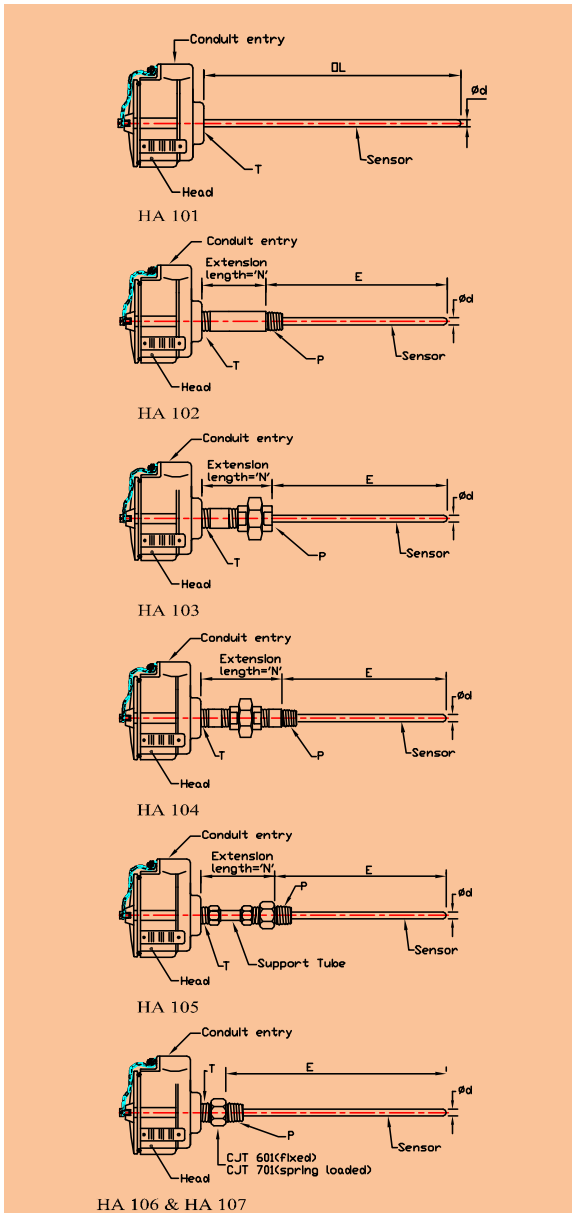


110# Series

- Suitable as replacement for existing installations.
- Various head assembly types to choose from.
- Certified for use in hazardous area.
- Terminal head in die cast Aluminium or in SS316.

MI Thermocouple or RTD assembly with terminal head and an extension, provides the right kind of Retrofit for your existing Thermowells during shutdown or renovation project. We can provide a variety of extension designs as shown in this literature depending on your specification. Terminal heads can be provided with explosion proof certification meeting IS/IEC as well as ATEX standard, and a proper head extension design guarantees a controlled flame path as per the guidelines. With over 14 different designs to choose from, this Series can be a great assistance to your design engineers.



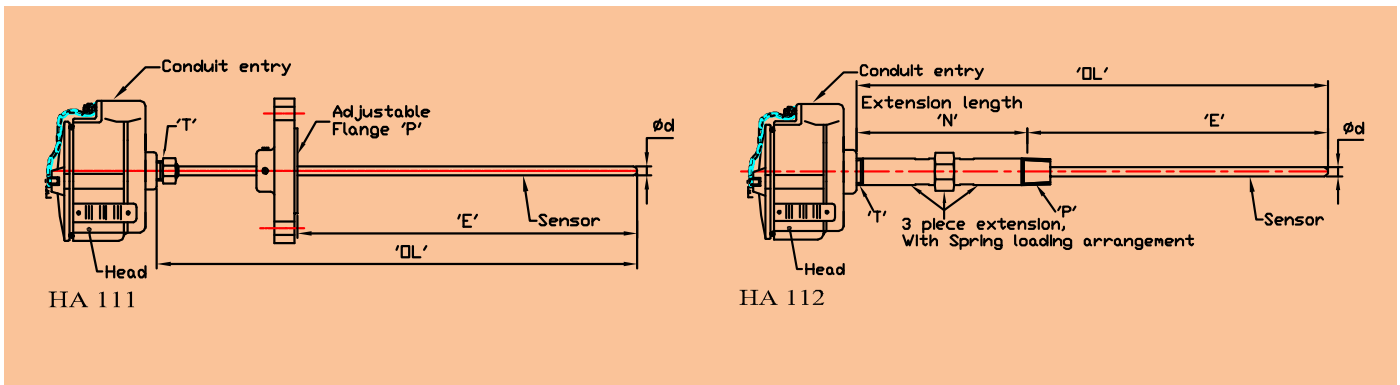
Ordering Example - RTD

110#-2-Pt100B-3W-6-SS316-IEC751-CJT1001-D_IP67-2-HA108-150-250-(E+N=400)-1/2"BSP(M)-Op 1A,3A,4C,5A, 5AA,14B

Model	Suffix Codes	Description
110#RTD		110#RTD Assembly
No of Elements	1.....	Simplex
	2.....	Duplex
	3.....	Triplex
Element Type	Pt100A.....	Pt100 RTD Class A tolerance
	Pt100B.....	Pt100 RTD Class B tolerance
	Pt200A.....	Pt200 RTD Class A tolerance
	Pt200B.....	Pt200 RTD Class B tolerance
	Pt500A.....	Pt500 RTD Class A tolerance
	Pt500B.....	Pt500 RTD Class B tolerance
No of Wires	2W.....	2 Wire RTD
	3W.....	3 Wire RTD
	4W.....	4 Wire RTD
Sheath Diameter	6.....	6 mm
	8.....	8 mm
	10.....	10 mm (For more options refer table F)
Sheath Material	316.....	SS316
	316L.....	SS316L
	321.....	SS321
	INC 600.....	Inconel 600
Calibration Standard	DIN43760.....	RTD calibration DIN 43760
	IEC751.....	RTD calibration IEC 60751
CJT Details	CJT 201.....	Crimp on Pot And Lead Wire
	CJT 1001.....	Spring Loaded Terminal Block OD=41 PCD=33(Weatherproof)
	CJT 1005.....	Spring Loaded Terminal Block Od=41 PCD=33(Flameproof) (For more options refer table G)
Head Type	D_IP67.....	Weatherproof with IP67 Certified as per IEC 60529
	C.....	Explosion-proof Exd IIC T6,IP67 as per IS/IEC 60079
	CA.....	EExd IIC T6 as per ATEX directive (For more options refer table H)
No of Conduit Entries	01-10.....	Select 2 or 1 for Terminal Head & 1-10 for Junction Box
	XX.....	Not Applicable
Head Assembly Type	HA108.....	Head-3 Piece Extension & T(M)
	HA109.....	Head with Adjustable Compression Fitting
	HA112.....	Head-3 Piece Extension with Spring Loading & T(M)
	HA113.....	Head-3 Piece Extension with Sealing Arrangement & T(M) (For more options refer table E)
Head Extension Length*	N.....	Head Extension Length 'N' mm
Length of Insertion*	E.....	Element Length 'E' mm
Length of Insert/probe*	OL.....	Length of Insert/Probe 'OL' mm
Mounting Threads P	P-1/4NPTM.....	1/4" NPT(M)
	P-1/4NPSM.....	1/4" NPS(M)
	P-1/2NPTM.....	1/2"NPT(M) (For more options refer table B)
Options.....		(For options refer table A)

*Please consult our marketing team for any non standard dimensions.

Note: For field which are not applicable ,select 'XX' or enter '0' whichever is mentioned .



Ordering Example - THERMOCOUPLE

110#-MI-2-K-6-20AWG-SS316-IEC584-CJT1001-D_IP67-2-HA108-150-250-(E+N=400)-1/2"BSP(M)-Op 1A,3A,4C,5A, 5AA,15B,16B

Model	Suffix Codes	Description
110#TC		110# TC Assembly
Insulation Type	MI..... BE.....	Mineral Insulated Ceramic Beaded
Number of Elements	1..... 2..... 3..... 4..... 6..... 9.....	Simplex Duplex Triplex Four Six Nine
Element Type	J..... K..... T..... E..... N..... R..... S..... B..... C.....	Iron Constantan Chromel Alumel Copper Constantan Chromel Constantan Nicrosil NISIL PTRH13%_ PT PTRH10%_ PT PTRH30%_ PTRH6% TU 5% Rhenium _TU 26% Rhenium
Sheath Diameter of TC	6..... 8..... 9.5.....	6 mm 8 mm 9.5 mm (Refer table F)
Size of Conductor of TC	16AWG 18AWG 24AWG XX.....	1.29032 mm 1.02362 mm 0.51054 mm (For more options refer table C) Not Applicable
Sheath Material for TC	316..... 316L..... 321..... INC 600	SS316 SS316L SS321 Inconel 600 (For more options refer table D)
Calibration Standard	ANSIMC96.1..... DIN43710..... IEC60584.....	TC Calibration as per ANSIMC 96.1 TC Calibration as per DIN 43710 TC Calibration as per IEC 60584
CJT Details	CJT 201..... CJT 1001..... CJT 1005.....	Crimp on Pot and Lead Wire Spring Loaded Terminal Block OD=41 PCD=33(Weatherproof) Spring Loaded Terminal Block Od=41 PCD=33(Flameproof) (For more options refer table G)
Head Type	D_IP67..... C..... CA.....	Weatherproof with IP67 Certified as per IEC 60529 Flameproof Exd IIC T6,IP67 as per IEC 60079 EExd IIC T6 as per ATEX directive (For more options refer table H)
No of Conduit Entries	01-10 XX.....	Select 2 or 1 for Terminal Head & 1-10 for Junction Box Not Applicable
Head Assembly Type	HA108..... HA109..... HA112..... HA113.....	Head-3 Piece Extension & T(M) Head with Adjustable Compression Fitting Head-3 Piece Extension with Spring Loading & T(M) Head-3 Piece Extension with Sealing Arrangement & T(M) For more options refer table E)
Head Extension Length*	N.....	Head Extension Length 'N' mm
Length of Insertion*	E.....	Element Length 'E' mm
Length of Insert/probe*	OL.....	Length of Insert/Probe 'OL' mm
Mounting Threads P	P-1/4NPTM..... P-1/4NPSM..... P-1/2NPTM.....	1/4" NPT(M) 1/4" NPS(M) 1/2"NPT(M) (For more options refer table B)
Options.....		(For options refer table A)

*Please consult our marketing team for any non standard dimensions.

Note: For field which are not applicable ,select 'XX' or enter '0' whichever is mentioned .