

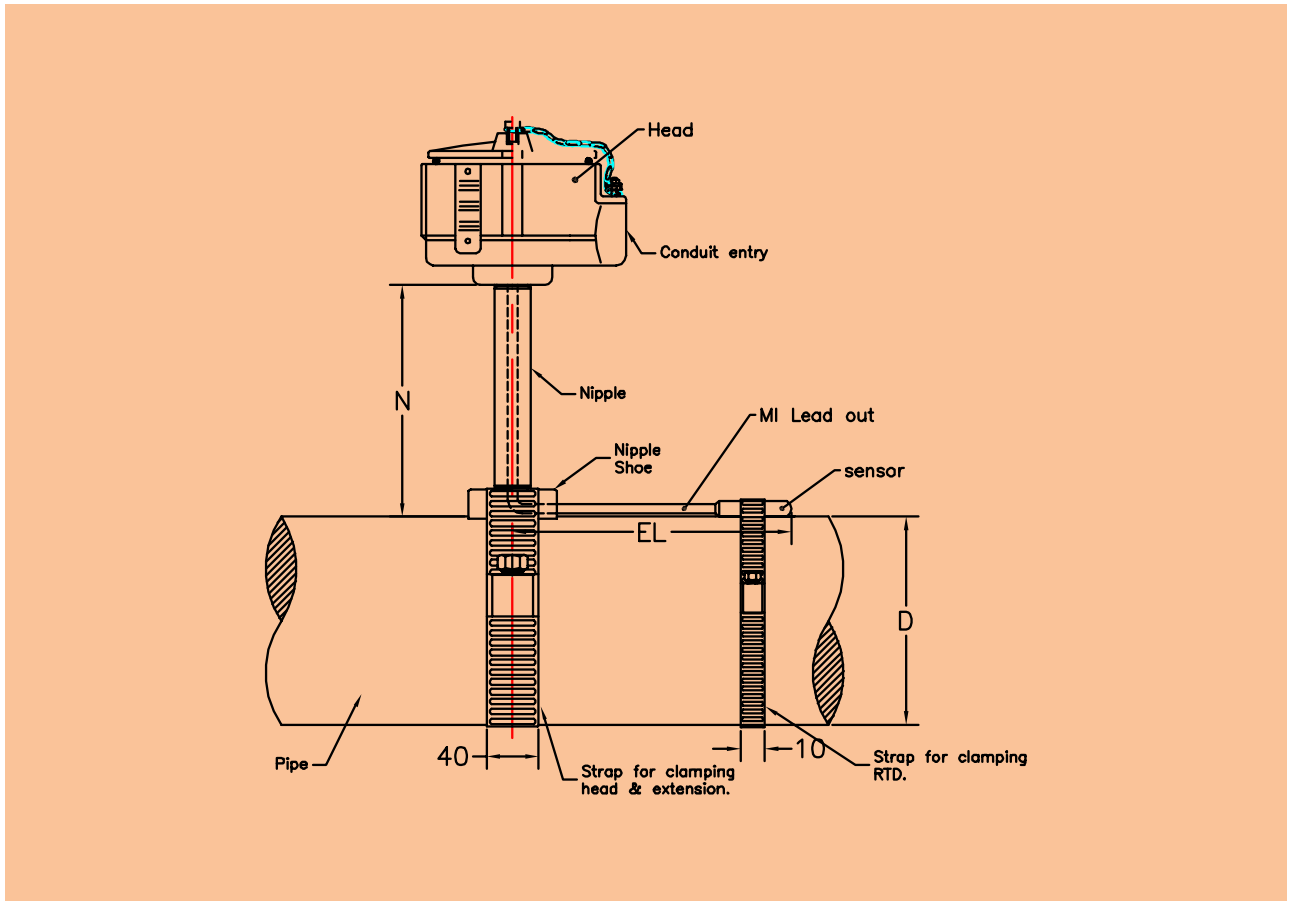
# 123# Series

- "Strap on" for pipe surface temperature measurement.
- Pliable MI lead out. Idea for skin Temperature measurement of pipe surface
- Weather proof execution in SS or Aluminium.
- Available with "in head" 2 wire Temperature Transmitter.
- Quick disconnect jack for using with band held monitor.



Ms MI Thermocouple or Resistance Thermometers can be provided with a Pliable MI lead out cable to enable its usage in intricate installations and for

strapping on the pipe surface for skin temperature measurement of gas/oil pipe lines or heat-traced pipe lines. These Thermocouples or RTD's are provided with a stand out nipple for local mounting. Thermocouples are provided with ungrounded junctions unless specified otherwise.



**Ordering Example - RTD**

Model NO:123#-2-pt100-3W-6-316-IEC751-CJT1001-H102-100-E-316-K-1-1000-OP 14B”

Model	Suffix Codes	Description
123#RTD	.....	123#RTD Assembly
No of Elements	1..... 2..... 3.....	Simplex Duplex Triplex
Element Type	Pt100A..... Pt100B..... Pt500A..... Pt500B.....	Pt100 RTD Class A tolerance Pt100 RTD Class B tolerance Pt500 RTD Class A tolerance Pt500 RTD Class B tolerance
Number of Wires	2W..... 3W..... 4W.....	2 Wire RTD 3 Wire RTD 4 Wire RTD
Sheath Diameter	4.8..... 6..... 8..... 10.....	4.8 mm DIA 6 mm DIA 8 mm DIA 10 mm DIA
Sheath Material	316..... 316L..... 321..... Other Options Available	SS316 SS316L Ss321
Calibration Standard	DIN43760..... IEC751.....	RTD calibration DIN 43760 RTD calibration IEC 60751
CJT Details	CJT 101..... CJT 1001..... CJT 1005.....	Crimp on Pot and Lead Wire Brazed Pot & ADJ Com Fitting Spring Loaded Terminal Block OD=41 PCD=33(Water proof)
Head Type	D_IP67..... C..... C_CCOE.....	Weatherproof with IP67 Certified Flameproof IIC ,IP67 Flameproof IIC with ATEX Certificate
Number of Conduit Entries	1..... 2..... XX.....	Single Entry Two Entries XX
Head Assembly Type	Ha101..... Ha102..... Ha103.....	Head Only with T(F) Head with Adjustable Compression Fitting Head with Adjustable Compression Fitting
Head Extension Length n MM	0-25000.....	Head Extension Length n MM
Weld Pad Style	D..... E..... F.....	TC INSERT IN SLOT & TIG WELDED TC CRIMPED TO TUBE & PAD WELDED TC FIXED TO PAD THROUGH A CONN
Pad Material	SS316..... SS321..... Ss304..... Other Options Available.....	SS316 SS304 SS304
Pad Dimension	K..... L..... Other Options Available	30x30x50 25x25x50
Pipe Size	1/2..... 1..... 2..... Other Options Available	1/2" 1
Element length along the pipe mm	0-5000	Element length along the pipe mm
Option.....	.....	Please Refer Option List



**Ordering Example - THERMOCOUPLE**

Model NO:123#-MI-1-K-8-XX-316-IEC584-CJT1001-C-2-HA102-100-F-316-K-1-600-OP15A

Model	Suffix Codes	Description
123#TC		123#TC Assembly
Insulation Type	MI..... BE.....	Mineral Insulated Ceramic Beaded
Number of Elements	1..... 2.....	Simplex Duplex
Element Type	J..... K..... T..... E..... N.....	Iron Constantan Chromel Alumel Copper Constantan Chromel Constantan Nicrosil N
Sheath Diameter of TC	6..... 8..... 9.5..... 10..... Other Options Available	6 mm DIA 8 mm DIA 9.5 mm DIA 10 mm DIA
Size Conductor of TC	18AWG..... 20AWG..... Other Options Available	3.66522 mm 3.2639 mm
Sheath Material for TC	316..... 316L..... 321..... Other Options Available	SS316 SS316L Ss321
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
Details of CJT	CJT 101..... CJT 1003..... CJT 1005.....	Crimp on Pot and Lead Wire Spring Loaded Terminal Block OD=41 PCD=33 Spring Loaded Terminal Block OD=41 PCD=33
Head Type	D_IP67..... C..... C_CCOE..... JD..... JC.....	Weatherproof with IP67 Certified Flameproof IIC T6,IP67 Flameproof IIC T6,IP65 Junction Box WP Junction Box FLP IIC
Number of Conduit Entries	1..... 2..... 3..... XX.....	SINGLE ENTRY TWO ENTRIES THREE ENTRIES
Head Assembly Type	Ha101..... Ha109..... XX.....	Head only with T(F) Head with Adjustable Compression Fitting XX
Head Extension length n MM	S..... B..... P..... L..... LN.....	Surface Mounting for Junction Box Bracket Mounting for Head 2" NB Pipe Mounting Local Mounting without Bracket Local Mounting with Extension Nipple
Weld Pad Style	D..... E..... F.....	TC INSERT IN SLOT & TIG WELDED TC CRIMPED TO TUBE & PAD WELDED TC FIXED TO PAD THROUGH A CONN
Pad Material	SS316..... SS304..... Other Options Available.....	SS316 SS304
Pad Dimension	K..... L..... Other Options Available	30x30x50 25x25x50
Pipe Size	1/2..... 1..... Other Options Available.....	SS321 Ss304
Element length along the pipe mm	0-5000	Element length along the pipe mm
Option.....		Please Refer Option List

