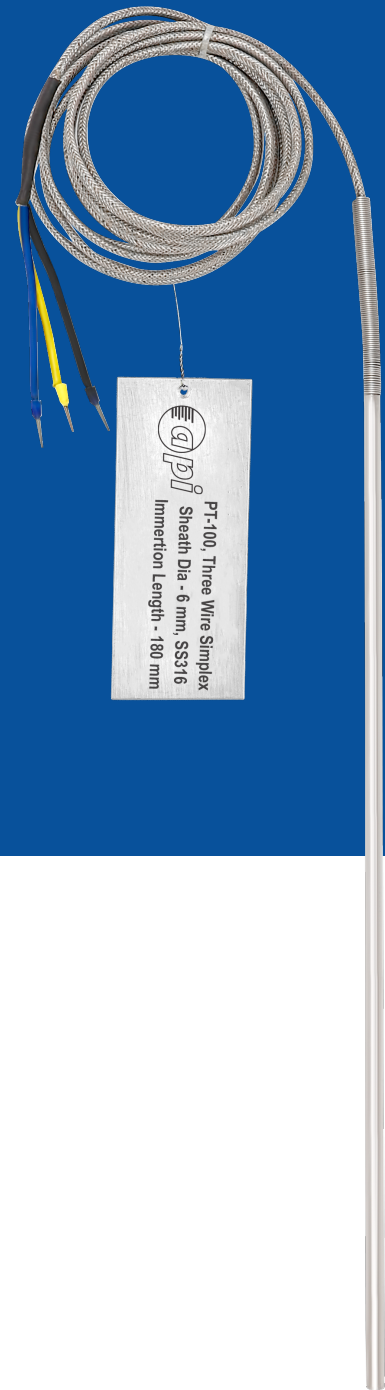


TRANSITION JOINT RTD SENSOR

MODEL
S1.02



PRODUCT DESCRIPTION

Transition Joint Conventional Assembly RTD sensors are lightweight Built with rugged transition joints, this RTD sensor measures temperatures between -50°C and 250°C. It comes with rugged transition joint connections and compacted magnesium oxide (MgO), which protects the RTD assembly from vibrations and increases its durability wide range of options can be constructed with Mineral Insulated RTD sensors, such as head-mounted transmitters, connecting cables and thermowells.



TRANSITION JOINT RTD SENSOR

MODEL S1.02

KEY FEATURES

- Mineral insulated enables flexibility & durability
- Various mounting connections
- Crimp-on/ISO Threaded pot sealed
- Standard followed : IEC-751 / DIN 43760

SPECIFICATIONS

No. of element	: Simplex
Element Type	: Pt-100
Range	: -200 till 450 °C
Accuracy	: Class 'A' Tolerance as per Range IEC-751 / DIN 43760
Wire Configuration	: 3 Wire System
Sheath Diameter	: Ø6 mm
Sheath Material	: SS 316
Element Length	: 150 mm
Cold-end termination	: Crimp-on pot with lead wires
Lead wire length	: 3000 mm
Process Connection	: ½" BSP (M)

APPLICATION

- Water & Waste-water treatment
- Power & Utilities
- Ovens & Boilers
- Machineries, Plants & Tanks
- Bearing Temperature
- Storage System
- Dosing Machine

MATERIAL OF CONSTRUCTION

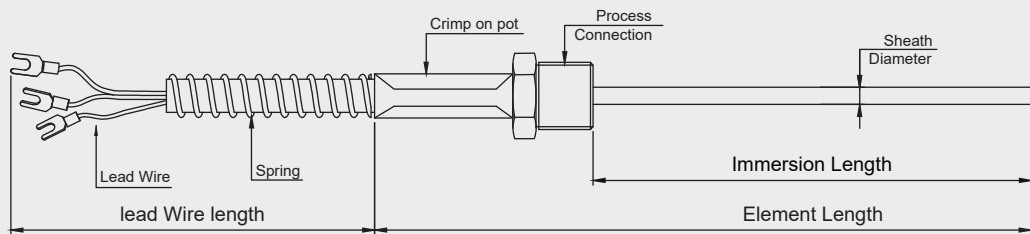
Sheath material	: SS 316
Process Connection	: SS 316
Tag plate	: Stainless Steel
Lead Wire	: PTFE / PTFE / Overall SS braided lead wire

TRANSITION JOINT RTD SENSOR

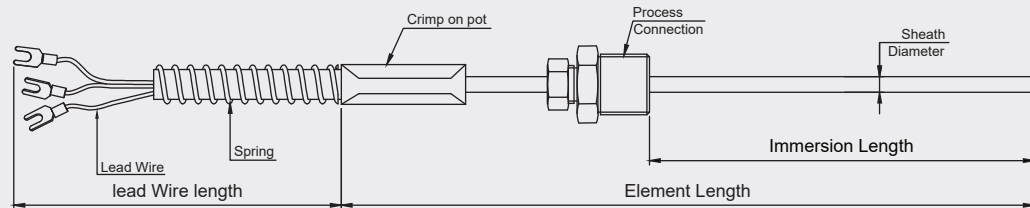
MODEL
S1.02

DIMENSIONAL DRAWINGS

FIXED CONNECTION



ADJUSTABLE VERSION



NOTES: Above drawings are not to scale. All dimension are in MM.

TRANSITION JOINT RTD SENSOR

MODEL S1.02

MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	S1.02	F	1	F	1	31	S6	B06	S6	XXX	XXX	CE1	XXX
Type Transition Joint RTD Sensor	S1.02	S1.02												
Version Fixed	F		F											
Adjustable	A													
Element Type Pt-100	1			1										
Sensor Type Film (-200...+400 °C)	F				F									
Ceramic (0...+600 °C)	C													
Accuracy Class A	1					1								
Class B	2													
Wire Configuration Two Wire Simplex	21													
Two Wire Duplex	22													
Three Wire Simplex	31						31							
Three Wire Duplex	32													
Four Wire Simplex	41													
Four Wire Duplex	42													
Sheath Material SS 316	S6							S6						
Sheath Diameter Ø3.0 mm	B03													
Ø6.0 mm	B06								B06					
Ø8.0 mm	B08													
(For 3mm Sheath Die. Duplex cannot be offered)														
Connection material SS 316	S6										S6			
SS 316L	SL													
Immersion length XXX. Specify in mm	XXX											XXX		
Element length XXX. Specify in mm	XXX												XXX	
Cold End Termination Crimp on Pot	CE1													CE1
8.0 mm ISO pot (Threaded Pot) with lead wires	CE2													
12.0 mm ISO pot (Threaded Pot) with lead wires	CE3													
Lead Wire Length XXX. Specify in mm	XXX													XXX

TRANSITION JOINT RTD SENSOR

MODEL
S1.02

MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	LW1	12BM	X16	
Lead Wire Type					
PTFE insulated	LW1	LW1			
PTFE/PTFE insulated	LW2				
PTFE/PTFE/Overall SS braided	LW3				
Fiber Glass/Fiber Glass/SS Overall braided	LW4				
PTFE/PTFE/Silicon Rubber insulated	LW5				
Process Connection					
1/2" BSP (M)	12BM		12BM		
1/2" NPT (M)	12NM				
1/2" NPT (F)	12NF				
1/2" BSP (F)	12BF				
3/4" BSP (M)	34BM				
3/4" NPT (M)	34NM				
3/4" BSP (F)	34BF				
3/4" NPT (F)	34NF				
Options					
Calibration certificate	X16				X16
SS Tag plate	X26				

SAMPLE ORDERING CODE:

S1.02-F.1.F.1.31.S6.B06.S6.XXX.XXX.CE1.XXX.LW1.12BM.X16

Note: Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and material specified may be replaced by others without prior notice.