

RTD SENSOR WITH PLUG & JACK

MODEL S1.03



PRODUCT DESCRIPTION

The RTD Probe-Plug and Jack Connector is constructed with a Stainless Steel case. The sensing element is embedded into the tip of the sheath. With the element located in the tip of the case this is the area that needs to be in contact with the process to obtain correct temperature measurement. Fittings associated with the probe designs are related to the mounting technique required by your application. These sensors can be utilized in many different industries and applications. Probe sensors are ideal for immersion in processes.



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KEY FEATURES

- Mineral insulated (MI) Cable
- Plug & Jack connectors
- Reference Standard: IEC-751 / DIN 43760
- Simplex Configuration

SPECIFICATIONS

No. of element	:	Simplex
Element Type	:	Pt-100
Range	:	-200...400 °C
Accuracy	:	Class 'A' Tolerance as per Range IEC-751 / DIN 43760
Wire Configuration	:	3 Wire System
Sheath Diameter	:	Ø6 mm
Element Length	:	As per customer requirement
Cold-end termination	:	Plug & Jack Connector
Process Connection	:	½" BSP (M)

APPLICATION

- Oil & Gas applications
- Chemical & Petrochemical
- Water & Waste-water treatment
- Food & Beverages
- Utilities
- Power plants
- Fertilizer Plant
- Pharma

MATERIAL OF CONSTRUCTION

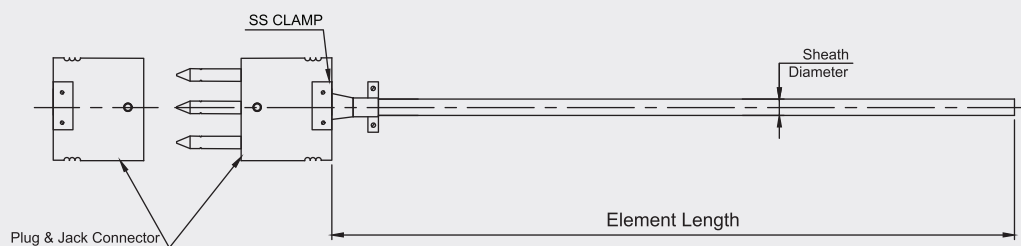
Sheath material	:	SS 316
Process Connection	:	SS 316
Tag plate	:	Stainless Steel

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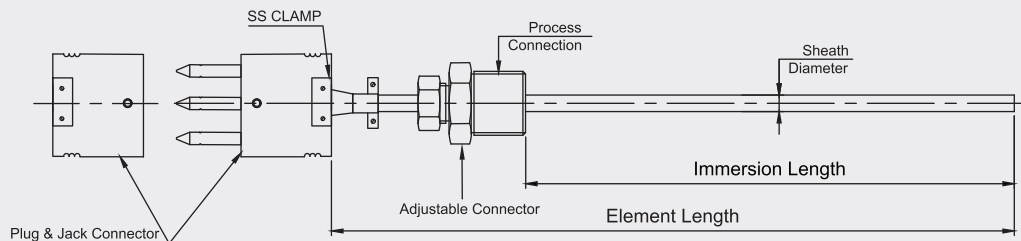
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DIMENSIONAL DRAWINGS

STANDARD VERSION



ADJUSTABLE VERSION



Important Notes: Above drawings are not to scale. All dimension are in mm

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MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	S1.03	A	1	F	1	31	S6	B06	S6	XXX	12NM	X16
Model RTD Sensor with Plug & Jack	S1.03	S1.03											
Version Standard	S												
Adjustable	A		A										
Element Type Pt-100	1			1									
Sensor Type Film (-200°C...+400°C)	F				F								
Accuracy Class A	1					1							
Class B	2												
Wire Configuration Three Wire Simplex	31						31						
Sheath Material SS 316	S6							S6					
Sheath Diameter Ø3.0 mm	B03								B06				
Ø6.0 mm	B06												
Ø8.0 mm	B08												
Connection material None	XX												
SS 304	S4												
SS 316	S6									S6			
Element length XXX. As per customer requirement in 'mm'	XXX										XXX		
Process Connection None	XXXX												
1/4" BSP (M)	14BM												
1/4" NPT (M)	14NM												
1/2" BSP (M)	12BM												
1/2" NPT (M)	12NM											12NM	
M20 × 1.5 (M)	M20M												
Options Calibration certificate	X16												X16
SS Tag plate	X26												

SAMPLE ORDERING CODE:

S1.03-A.1.F.1.31.S6.B06.S6.XXX.12NM.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.