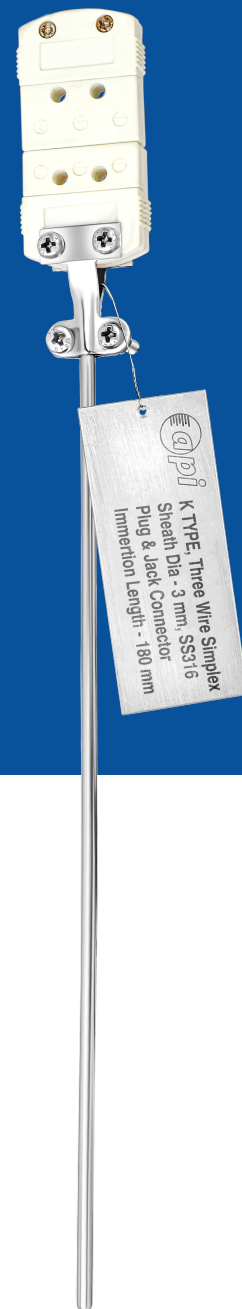


THERMOCOUPLE SENSOR WITH PLUG & JACK

MODEL
S2.03



PRODUCT DESCRIPTION

The thermocouple 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.



THERMOCOUPLE SENSOR WITH PLUG & JACK

MODEL S2.03

KEY FEATURES

- Mineral insulated Cable
- Plug & Jack connectors
- Available in various process connections & sheath diameter
- Reference Standard: IEC-584.2/ANSI MC-96.1
- Simplex Configuration

SPECIFICATIONS

No. of element	: Simplex
Element Type	: K type
Range	: -270...1372 °C
Accuracy	: Class 1 as per IEC-584.2/ANSI MC-96.1
Wire Configuration	: 3 Wire System
Sheath diameter	: 6 mm
Sheath material	: SS 316
Element Length	: As per customer requirement
Cold-end termination	: Plug & Jack Connector
Process Connection	: ½" BSP-M

APPLICATION

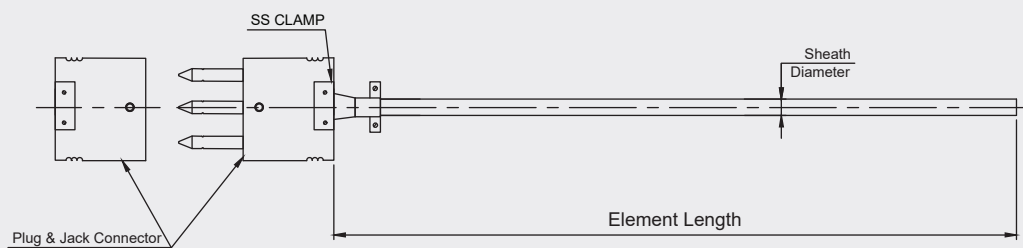
- Oil & Gas Applications
- Chemical & Petrochemical
- Cement Plants
- Fertilizer
- Steel Plants
- Power Plants
- Nuclear Plants
- Furnace
- Boiler
- Reactor

THERMOCOUPLE SENSOR WITH PLUG & JACK

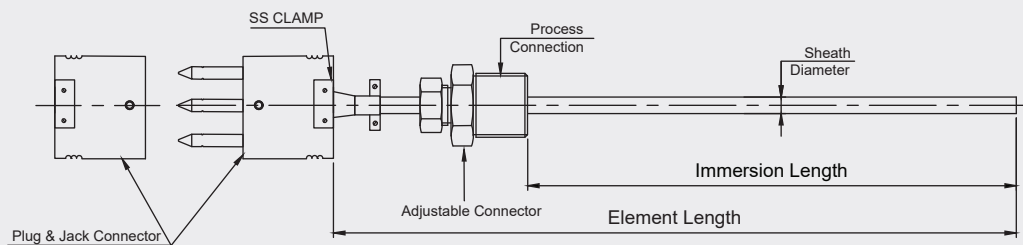
MODEL
S2.03

DIMENSIONAL DRAWINGS

STANDARD VERSION



ADJUSTABLE VERSION



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

THERMOCOUPLE SENSOR WITH PLUG & JACK

MODEL S2.03

MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	S2.03	A	K	1	21	S6	B03	XXX	CE8	14BM	X16
Model Thermocouple sensor with plug & jack	S2.03	S2.03										
Version Fixed	F											
Adjustable	A		A									
Element Type K-Chromel-Alumel	K			K								
J-Iron-Constantan	J											
T-Copper-Constantan	T											
E-Chromel-Constantan	E											
N-Nicrosil-Nisil	N											
Accuracy Class-1	1				1							
Class-2	2											
No of Element Simplex	21					21						
Duplex (*)	22											
Note-(*) Above Sheath Dia.3 mm												
Sheath Material SS 316	S6						S6					
Inconel 600	I6											
Sheath Diameter Ø3.0 mm	B03							B03				
Ø6.0 mm	B06											
Ø8.0 mm	B08											
Element Length XXX. As per customer requirement in `mm`	XXX								XXX			
Cold end termination Standard plug & jack connector	CE8									CE8		
Miniature plug & jack connector	CE9											
Process Connection None	XXX											
1/4" BSP (M)	14BM										14BM	
1/4" NPT (M)	14NM											
1/2" BSP (M)	12BM											
1/2" NPT (M)	12NM											
M20x1.5 (M)	M20M											
Other Options Calibration Certificate	X16											X16
SS Tag plate	X26											

SAMPLE ORDERING CODE:

S2.03-A.K.1.21.S6.B03.XXX.CE8.14BM.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.