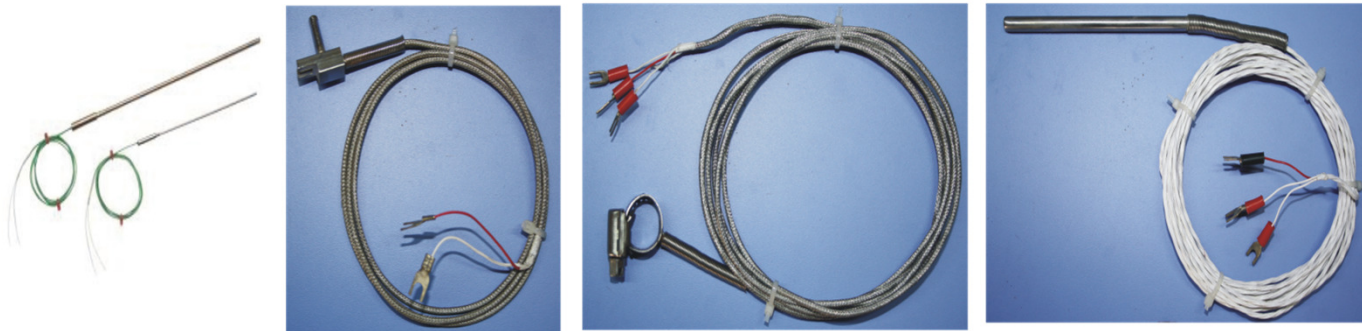


# Thermocouple Sensor With Extension Cable

**TSEC**



Thermocouple With Extension Cable are Available From Outer Diameter of 3.0mm to as per Customer Requirement. Length of Extension / Compensating Cable should provide as per customer requirements. Length of sensor should as per customer requirements. Sheath Materials are selected depending upon operating temperature & application of uses. Instrument connection should provide as per customer need. The Sensor Can Be Custom Manufactured to Suit Your Exact Application Requirements.

Sl. No.	Parameter	Variants
1	Sensor Type	• J / K / N / T / E
2	Outer & Inner Diameter of Sensor	• 3.0 mm and Above
3	Probe Length & Operating Temperature	• User Defined
4	Sheath Materials	• IN-600 / SS310 / SS316 / SS304 / SS202
5	Junction	• Grounded / Ungrounded
6	No. of Wire	• 2 / 4 / 8 Nos.
7	Extension Cable Construction Material & Male / Female Connector Details	• Wire Gauge with No. of Wire • Wire Insulation Material • Male Female Connector Details
8	Instrument Connection	• 1/8" / 1/4" / 1/2" / 3/4" / 3/8" / 1" • Adjustable / Fixed • Male / Female Thread Connector

## Ordering Information For Model Selection:-

TSEC	1	2	3	4	5	6	7	8	9
Conductor Type	Probe Length	Sheath OD / ID	Sheath Material	Sensing Junction	No. Of Wire	Extension / Compensating Cable Type & Length	Connector Type	Instrument Connection	
"J" For "J" Type T/C	User's Defined	"6/4" For OD/ID 6 / 4 mm	"00" For IN-600	"G" For Simplex Grounded	"2" For 2-Wire	7/36SWG TF,TFG,SS-1m	"M" Male Connector	"E" For 1/8"	"M" For Male Thread
"K" For "K" Type T/C		"8/6" For OD/ID 8 / 6mm	"10" For SS310	"I" For Simplex Un-Grounded	"4" For 4-Wire	1.5Sq.mm TF,TFG,SS-2m	"F" Female Connector	"F" For 1/4"	"F" For Female Thread
"T" For "T" Type T/C		User Defined	"16" For SS316				"ST" For Small Tailor	"T" For 1/2"	"Adj" For Adjustable
"E" For "E" Type T/C			"04" For SS304				"MF" Molex Connector	"V" For 1"	"F" For Fixed
"N" For "N" Type T/C			"02" For SS202				"L" Lugs	"TE" For 3/8"	"TF" For 3/4"

## Example:-

TSEC	K	10"	8/6	10	I	4	1.5Sq.mm TF,TFG,SS-2m	FST	FF
Conductor Type	Probe Length	Sheath OD / ID	Sheath Material	Sensing Junction	No. Of Wire	Extension / Compensating Cable Type & Length	Connector Type	Instrument Connection	
"K" For "K" Type T/C	Length 10"	"8/6" For OD/ID 8 / 6mm	"10" For SS310	"I" For Simplex Un-Grounded	"4" For 4-Wire	1.5Sq.mm TF,TFG,SS-2m	"F" Female Connector	"ST" For Small Tailor	"F" For 1/4"



# SORAJ INSTRUMENTS & CONTROL ENTERPRISE

(An ISO 9001:2015 & 14001:2004 Certified & NSIC Approved Company)

Address: Shed-B1, Durgapur Industrial Estate, (The WBSIDCL), Phase-I, J.P.Avenue, Durgapur, West Bardhaman-713212

Contact: 09830469233, 09233392111, 8945531600

Email: sorajcontrol@gmail.com, admin@soraj.co.in, accounts@soraj.co.in

web: www.soraj.co.in