

## TWHS Hermetically Sealed Thermocouple Sensor

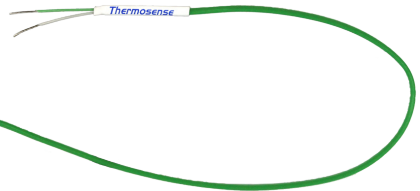
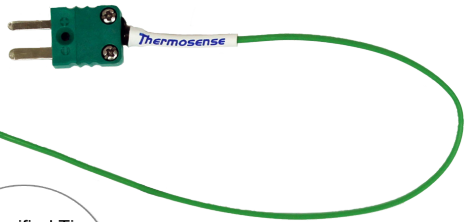
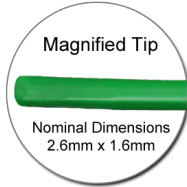
The TWHS Hermetically sealed sensors offer a simple, easy to use solution for applications where the sensing junction needs to be protected from electrical interference or protected from moisture/liquids.

As standard the sensors are tested for electrical insulation at 1.0Kv. On request the sensors can be tested at higher voltages.

The PFA is temperature rated -100...+260°C making it suitable for a wide range of applications. The insulation is easily cleaned and suitable for sterilisation.

The sensors are available in Thermocouple Types K, J and T. They can be supplied with standard tails or miniature thermocouple plug terminations.

- Hermetically sealed tip - simple and easy to use
- Thermocouple Types K, J, T
- Suitable for insertion into liquids, including oil
- PFA insulation, oil and chemical resistant
- Suitable for use in temperatures ranging from -100...+260°C
- Electrically insulated tip, 1.0Kv (can be tested at higher voltages)
- Flexible 7/0.2mm diameter 24 AWG conductor
- Standard tails or miniature thermocouple plug terminations



With tails (standard)



With miniature plug (optional)

Available as Types K, J, T

Note: Type K thermocouple shown for illustrative purposes only

1	sensor type		code
	Hermetically Sealed Thermocouple Sensor		TWHS
2	conductor/thermocouple type (IEC 60584.1)	conductor temperature range	code
	<b>Type K</b> Nickel Chromium vs. Nickel Aluminium	0°C to +1100°C	K
	<b>Type J</b> Iron vs. Constantan	-50°C to +750°C	J
	<b>Type T</b> Copper vs. Constantan	-200°C to +350°C	T
3	cable length (mm)		code
	As required to suit your application (maximum 5000mm)		e.g. 2000
4	optional cable termination (supplied as standard with tails)		code
	Miniature Thermocouple Plug (Types K, J, T)		FMP

order code (example)

1 2 3 4  
TWHS - K - 2000 - FMP