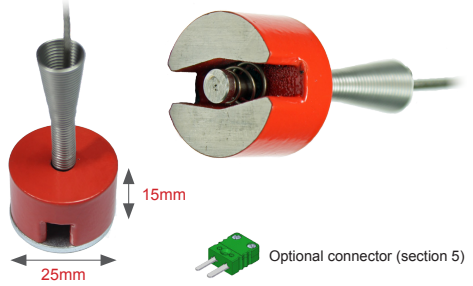


**TG Magnet Thermocouple Sensor**

25mm diameter magnet thermocouple sensor, supplied with a protective metal cap. Designed for use on metal surfaces where drilling or gluing is not possible. The spring loaded tip ensures that the sensor is kept in contact with the surface. Commonly supplied with a 2 metre, PFA insulated, stranded 7/0.2mm diameter extension cable - custom cable lengths and fibreglass insulation options are also available. A smaller magnet is also available, if required. The sensing junction is grounded for fast response.

- Thermocouple types K, J, T, N
- For metal surfaces where drilling or gluing is not possible
- Smaller magnet also available



1	sensor type		code
	Magnet Thermocouple Sensor		TG
2	conductor/thermocouple type (IEC 60584.1)	conductor temperature range	code
	Type K Nickel Chromium vs. Nickel Aluminium	0°C to +1100°C	K
	Type J Iron vs. Constantan	-50°C to +750°C	J
	Type T Copper vs. Constantan	-200°C to +350°C	T
	Type N Nicrosil vs. Nisil	0°C to +1200°C	N
3	extension cable length (mm)	code	
	As required to suit your application	e.g. 2000	
4	cable insulation (full range pages 44-51)		code
	PFA, 7/0.2mm Ø (+260°C)		CT45
	Fibreglass, 7/0.2mm Ø (+400°C)		CG32
	Fibreglass (St/St Braid), 7/0.2mm Ø (+400°C)		CG39
5	optional thermocouple connector (supplied attached to cable - full range pages 53-58)		code
	Miniature Thermocouple Plug (K, J, T, N)		FMP

**Please note:** the magnet strength can be affected by the ambient temperature and thickness of the metal surface.

**order code (example)** 1 2 3 4 5  
TG - K - 2000 - CT45 - FMP

**TK-KIT2 Thermocouple Indicator and Sensor Kit**  
Ideal For Water System Testing (Legionella)

The Thermocouple Indicator and Sensor Kit contains a hand-held indicator and a variety of Type K thermocouple sensors - ideal for general purpose applications and also temperature monitoring of both standing/running water and the surface of pipes/tanks that form part of a water system (legionella testing).

All kit contents are conveniently stored in a robust plastic carry-case containing integrated foam compartments.



1 x **HH-512**  
Dual Channel Type K Thermocouple Indicator (page 66)

2 x **TW-KT3-1000-FMP**  
Type K Welded Tip Thermocouples with miniature plugs (page 23)



1 x **HK-101**  
Hand-held Type K General Purpose Sensor (page 16)



1 x **HK-401**  
Hand-held Type K Surface Measurement Sensor (page 17)

**order code** TK-KIT2

**HK-900 Type K Pipe Clamp Thermocouple Sensor**

Instant temperature measurement for pipe and tubing (3mm to 45mm diameter). Ideal for heating, ventilation and air conditioning applications. Measurement range -50°C to +400°C. The contact (black section) of the sensor is constructed of bakelite with glass fibre and rated up to +400°C. The clamp body (yellow) is rated up to +100°C. Supplied with a type K miniature flat pinned plug attached.

- Suitable for 3mm to 45mm Ø pipes
- -50°C to +400°C temperature measuring range
- Supplied with Type K thermocouple attached via miniature plug



**order code** HK-900