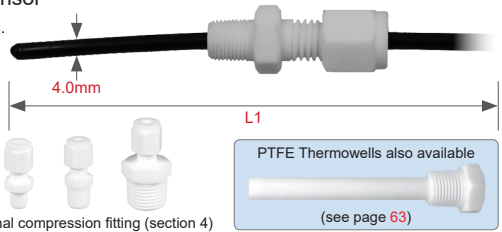


## TFEP Flexible FEP Insulated Thermocouple Sensor

A simple solution for corrosive or aggressive environments. The fully encapsulated semi-rigid sensor can be supplied at any length to suit the application. The optional PTFE compression fitting allows adjustment of the immersion depth. Commonly used to monitor chemical or fuel tanks.

- Thermocouple Types K, J, T, N
- -40°C to +200°C operating range
- Custom lengths
- Standard 500mm long tails, PFA 7/0.2mm diameter
- PTFE compression fittings available to suit



1	sensor type			code
	Flexible FEP Insulated Thermocouple Sensor			TFEP
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	FEP length (mm) (L1)			code
	As required to suit your application			e.g. 500
4	optional PTFE adjustable compression fitting (to suit FEP diameter)	1/8" BSPT	1/4" BSPT	1/2" BSPT
	4.0mm	CF40AP	CF40CP	CF40EP

See page 60 for our full range of PTFE compression fittings.

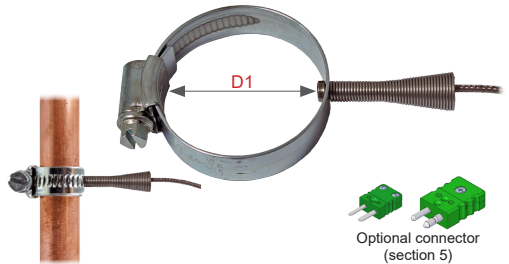
RTD version page 40

order code (example) 1 2 3 4  
TFEP - K - 500 - CF40AP

## TJ Pipe Clamp Thermocouple Sensor

Jubilee clip style - designed to clamp around 13mm to 55mm diameter pipes or cylinders. The sensor has a grounded sensing junction for improved speed of response. Supplied with a 2 metre long, stranded 7/0.2mm diameter, fibreglass insulated, stainless steel wire-braided extension cable as standard. Custom cable lengths can be supplied to suit the application. Suitable for use up to +300°C.

- Designed to clamp 13mm to 55mm Ø pipes/cylinders
- Thermocouple types K, J, T
- Suitable for use up to +300°C



1	sensor type			code
	Pipe Clamp Thermocouple Sensor			TJ
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
3	to suit pipe diameter (D1)			code
	13-20mm			A
	20-30mm			B
	30-40mm			C
	40-55mm			D
4	cable length (mm)			code
	As required to suit your application (standard length = 2000mm)			e.g. 2000

See pages 44-51 for our full range of Thermocouple cable.

5	optional thermocouple connector (supplied attached to cable)			code
	Miniature Thermocouple Plug (K, J, T)			FMP
	Standard Thermocouple Plug (K, J, T)			RSP

See pages 53-58 for our full range of Thermocouple connectors.

order code (example) 1 2 3 4 5  
TJ - K - C - 2000 - FMP

## TV Type K Velcro Temperature Sensor

Ideal for hands-free measurement of HVAC applications. Suits pipes and equivalent applications up to 100mm in diameter. Velcro length is 350mm which allows overlapping around the application. Supplied with 1 metre of PVC insulated cable as standard (custom lengths available) with a miniature Type K plug attached. Suitable for use up to +100°C. Contact sales for further information.

