

TAL Thermocouple Autoclave Load Sensor

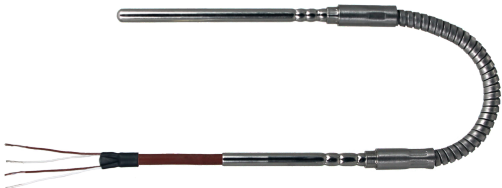
Thermocouple Autoclave Load Temperature Sensors. Designed to withstand the harsh conditions found in Autoclave applications.

The sensor and feedthrough are sealed to prevent leakage into the sensor and from the Autoclave. The stainless steel sheathed sensor and feedthrough have a diameter of 6.0mm. A stainless steel conduit covered silicone rubber cable extends between the sensor and bulkhead feedthrough. The flying lead is flexible silicone rubber sheathed and has PFA insulated stranded cores.

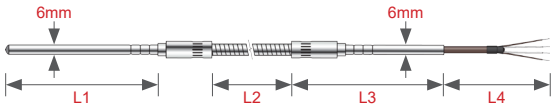
The sensor, conduit, bulkhead feedthrough and extension cable can be supplied in custom lengths to suit your application.

Suitable for use in temperatures -50°C to +200°C.

- Thermocouple Types K, T
- Designed to withstand harsh autoclave applications
- Custom sensor and extension cable length options
- Suitable for use in temperatures -50°C to +200°C



Type T conductor type example



1	sensor type			code	
	Thermocouple Autoclave Load Sensor			TAL	
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 T	Copper vs. Constantan	-200°C to +350°C		T
3	detector elements / sensing junctions				code
	Simplex (1 channel)				S
	Duplex (2 channels)				D
4	sensor length (mm) (L1)		code		
	As required to suit your application (prefix with 'P')		e.g. P250		
5	conduit length (mm) (L2)		code		
	As required to suit your application		e.g. 1500		
6	bulkhead feedthrough length (mm) (L3)		code		
	As required to suit your application (prefix with 'F')		e.g. F150		
7	extension cable length (mm) (L4)		code		
	As required to suit your application		e.g. 3000mm		

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order code (example) 1 2 3 4 5 6 7
TAL - T - S - P250 - 1500 - F150 - 3000mm

TAD Thermocouple Autoclave Drain Sensor

Thermocouple Autoclave Drain Temperature Sensors. Designed to withstand the demands of an Autoclave.

Whilst the construction is not required to be as robust as a Load sensor, the sensor is sealed in the same manner. This provides a reliable seal that prevents leakage into the 6.0mm diameter stainless steel probe.

The sensor and silicone rubber sheathed extension cable (which is very flexible) can be supplied in custom lengths to suit your application.

Suitable for use in temperatures -50°C to +200°C.

- Thermocouple Types K, T
- Designed to withstand the demands of an autoclave
- Custom sensor and extension cable length options
- Suitable for use in temperatures -50°C to +200°C



Type T conductor type example



1	sensor type			code	
Thermocouple Autoclave Drain Sensor				TAD	
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 T	Copper vs. Constantan	-200°C to +350°C		T
3	detector elements / sensing junctions				code
Simplex (1 channel)					S
Duplex (2 channels)					D
4	sensor length (mm) (L1)		code		
As required to suit your application (prefix with 'P')			e.g. P250		
5	extension cable length (mm) (L2)			code	
As required to suit your application			e.g. 3000mm		

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order code (example) 1 2 3 4 5
TAD - K - S - P250 - 3000mm