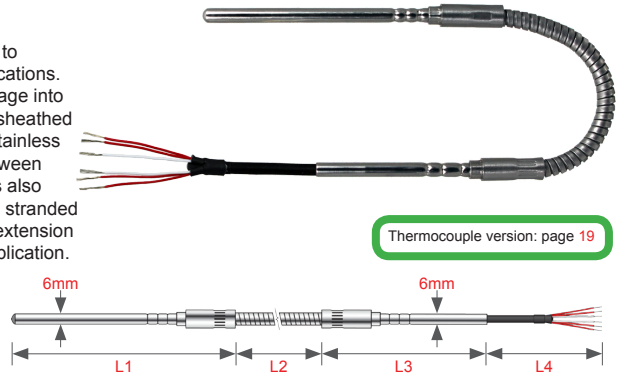


PAL Pt100 Autoclave Load Sensors

Pt100 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 also 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.

- 2, 3 or 4-wire configuration
- Designed to withstand harsh autoclave applications
- Custom sensor and extension cable length options
- Suitable for use in temperatures -50°C to +200°C



Thermocouple version: page 19

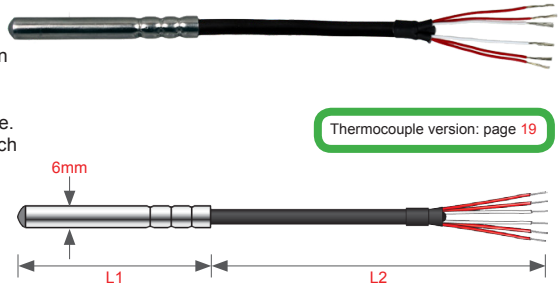
| | | | |
|---|--|----------------------|--|
| 1 | Sensor Type | | Code |
| | Pt100 Autoclave Load Sensor | | PAL |
| 2 | Grade of Element | Wiring Configuration | Note |
| | B | 2-wire | Code = Grade of Element + Wiring Configuration |
| | A | 3-wire | |
| | | 4-wire | |
| | | | B3 (e.g. Grade B, 3-wire) |
| 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 |

Order Code (example) PAL - B3 - S - P250 - 1500 - F150 - 3000mm

PAD Pt100 Autoclave Drain Sensors

Pt100 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.

- 2, 3 or 4-wire configuration
- 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



Thermocouple version: page 19

| | | | |
|---|--|----------------------|--|
| 1 | Sensor Type | | Code |
| | Pt100 Autoclave Drain Sensor | | PAD |
| 2 | Grade of Element | Wiring Configuration | Note |
| | B | 2-wire | Code = Grade of Element + Wiring Configuration |
| | A | 3-wire | |
| | | 4-wire | |
| | | | A2 (e.g. Grade A, 2-wire) |
| 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 |

Order Code (example) PAD - A2 - S - P250 - 3000mm