

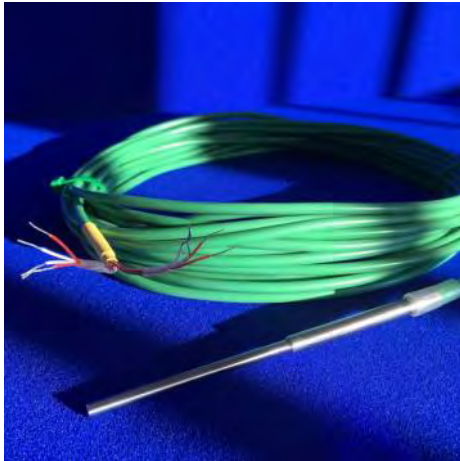
Please use the enquiry form at the end

**Product Code:
SL150**

Description:

The flexibility and compact size of the SL150 allows it to be used either as a load probe in autoclaves with a smaller chamber volume or when multiple sensing probes are required.

The PTFE insulated sensor leads are encased in a thick walled, extruded silicone jacket, which resists the effects of high temperature steam when used with steam autoclaves and the pure water of a water cycle system.



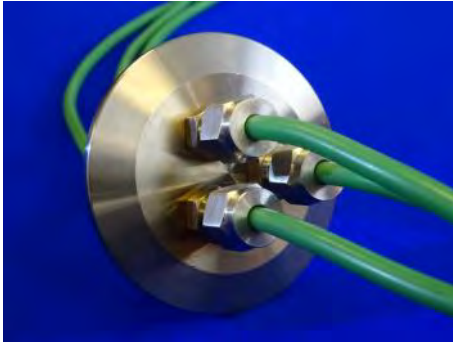
Specification:

SHEATH DIMENSIONS	Diameter : Metric: 3.0mm, 4.0mm, 4.5mm, 5.0mm, 6.0mm, 8.0mm Imperial: 1/8", 3/16", 1/4" Length: 100mm to as required
COLLAR DIMENSIONS	6mm or 1/4" OD Length: 35mm min
MATERIAL	316/316L stainless steel
RTD OPTION	
DETECTOR	Single or duplex PT100 with 2, 3 or 4 wire connection, Class 'A' or fractional DIN tolerance and to BS EN 60751:2008.
LEADS	FEP insulated copper conductors, 7/0.15mm (26 AWG) or 7/0.12mm (28 AWG) depending on configuration, to ASTM-B-298 with 250V RMS rating as standard and with a heavy duty extruded silicone rubber jacket, FDA listed (21CFR 177 2600) and is available to USP Class VI on application.
OPERATING RANGE	-50 to +150°C
THERMOCOUPLE OPTION	
ELEMENT	Single, duplex or triplex element, type 'T' (Cu/Con) to BS EN 60584-1:2013.
LEADS	FEP insulated type 'T' conductors, 7/0.2mm as standard in Class 1 material and encased in a thick walled, extruded silicone rubber jacket, FDA listed (21CFR 177 2600) and is available to USP Class VI on application. Minimum overall length of 1000mm.
OPERATING RANGE	-50 to +150°C

Datasheet : 006

Please use the enquiry form at the end

**Product Code:
SL150**



Probe Mounting Options

For this type of probe the seal is made directly onto the cable, using Teflon® olives.

All the options below can be supplied along with the probes, or ordered separately.

Hygienic Compression Fitting:

The fitting is designed to fit over the silicone cable, and consists of a compression fitting with Teflon® olive, and a choice of tri-clover flanges (0.5-0.75", 1-1.5", 2", 2.5", 3"). All in 316 stainless steel.

Single and multiprobe options available for sealing up to 3 probes through a single fitting.

Threaded Fitting:

A wide range of 316 stainless compression fittings are available, to fit over the silicone cable using a Teflon® olive.

Thread types: NPT, BSPT, BSPP, Metric
Thread sizes: Imperial and metric sizes
Olive: Teflon®

Datasheet : 006

Thermal Detection Limited
Unit 6, Orde Wingate Way
Primrose Hill Industrial Estate
Stockton-on-Tees, England,
TS19 0GA



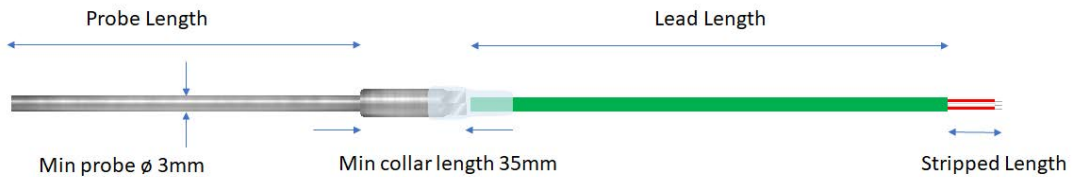
Fax : +44 (0) 1642 618307
Tel : +44 (0) 1642 602878
Email: sales@thermal-detection.com
Web: www.thermal-detection.com
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Please download PDF and fill in the boxes. Return form to sales@thermal-detection.com or fax to +44 1642 618307

Name: _____ Email: _____
 Organisation: _____ Tel: _____
 Country _____

Section 1 - unit dimensions (in mm)

If bend in probe required please see SL160 series probe



Section 2 - Sensor Configuration

Sensor Number

- Single
- Duplex
- Triplex

Type T Thermocouple Only

Hot Junction

- G Grounded
- s Insulated

PT100 Only

Type

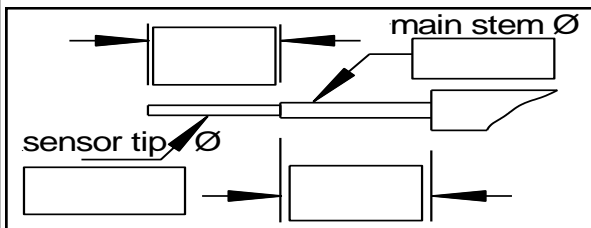
- Class 'A'
- Class 'AA'
- 1/10 DIN

Wires

- 2 wire
- 3 wire
- 4 wire

Section 3 - Optional Features (in mm)

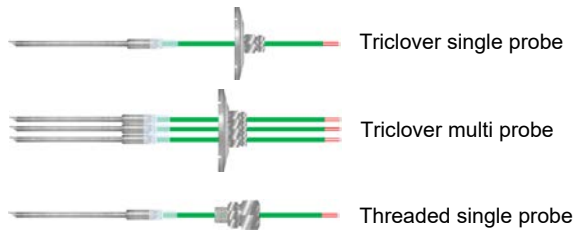
Reduced Probe Tip



Chisel Pointed Tip



Section 4 - Mounting Options



Tri-clover size / thread type and size?

Section 4 - Application Details

Number of probes required

Additional information

Make of Autoclave

Industry Type