

Shark Tail Handheld Probe - General Purpose Probe

General Purpose Probe, 1.5, 3.0 6mm x 100 or 300mm

Thermocouple & PRT Probe Options



KEY FEATURES



IP67 rated

Torque & tensile tested

Antimicrobial handle

Ergonomically designed

These general purpose handheld sensors have an ergonomically designed handle for ease of use. The handle also contains an antimicrobial substance which kills microorganisms, making it ideal for the food industry or applications where cleanliness is paramount.

The solid handle and cable have also been tested for torque and tensile strength. The curly polyurethane cable is 2 metres long (extended) with a moulded on connector in IEC, ANSI or JIS colours.

The handle has been tested to IP67, which means it is totally protected against dust ingress and protected against short periods of immersion in water (see below for further details).

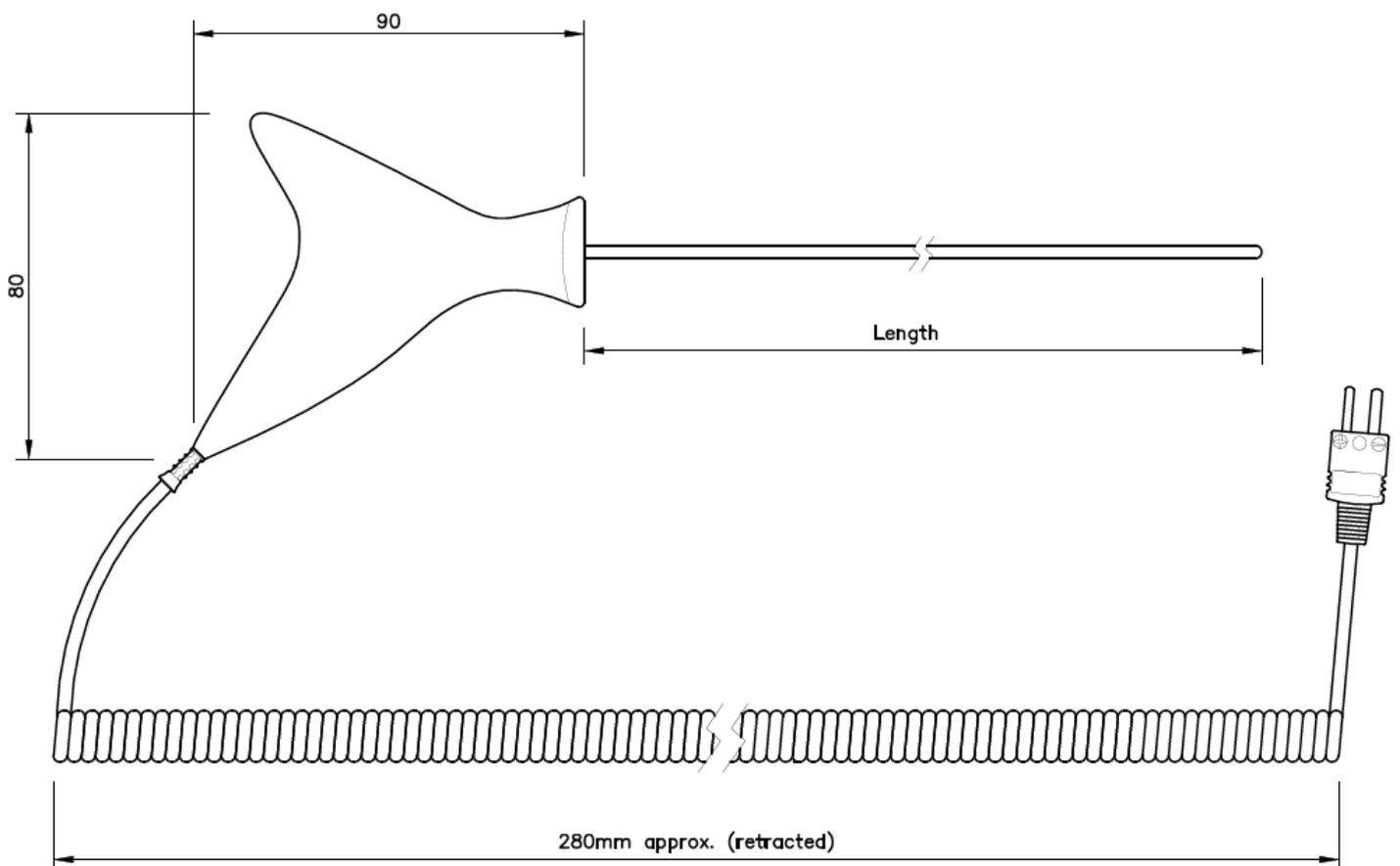
LAB125-0117

Specifications

Probe length: 100 or 300mm
Probe Diameter: 1.5 or 3mm (4mm PRT Probe)
Cable Length: 2 metres (extended)
Cable termination: K or T Miniature plug (IEC 584, ANSI MC96.1 or JIS 1610)
PRT bare wires (4 wires) (IEC 751)

Probe temperature range: Type 'K' -50°C to +1100°C
Type 'T' -50° to + 400°C
PRT -50°C to +260°C

Sensor type: General purpose, Type K, T or PRT
Construction: Mineral insulated Thermocouple, 316 stainless steel
Element/hot junction: Single element, junction insulated from sheath
(offers protection against spurious electrical signals)
Cable: 2 metre Polyurethane (extended), colour coded in accordance with IEC with moulded on miniature plug.



What is IP67?

The IP Code, International Protection Marking, sometimes misinterpreted as Ingress Protection Marking, classifies and rates the degree of protection provided against the intrusion (including body parts such as hands and fingers), dust, accidental contact, and water by mechanical casings and electrical enclosures.

Solid particle protection

The first digit indicates the level of protection that the enclosure provides against access to hazardous parts (e.g., electrical conductors, moving parts) and the ingress of solid foreign objects.

<i>Level</i>	<i>Object size protected against</i>	<i>Effective against</i>
6	Dust tight	No ingress of dust; complete protection against contact (dust tight)

Liquid ingress protection

The second digit indicates the level of protection that the enclosure provides against harmful ingress of water.

<i>Level</i>	<i>Protected against</i>	<i>Testing for</i>	<i>Details</i>
7	Immersion up to 1 m	Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time (up to 1 m of submersion).	Test duration: 30 minutes Immersion at depth of at most 1 m measured at bottom of device, and at least 15 cm measured at top of device.

