



SI1233 series - speared Pt100 probe with cable

INFORMATIONS

Sensing element

Pt100 single or duplex
Ceramic or thin layer element
with tolerance class B, A or AA according to IEC 60751 (EN 60751)

Temperature range

-200 to +250 °C

External sheath

AISI 316L seamless tube
Diameter: 6 mm by default, other diameters available on request.
Length: standard 100 mm, any other length on request.

Form

Straight or bended

Cable

Standard Teflon/silicone rubber, PVC, FEP, PFA, glass fibres
available in option.
Stainless steel flexible protective sheath available in option.
Cable length: 1 meter, other lengths are also available in option.

Wiring

1 x 3-wire connection. (1 x 2, 1 x 4, 2 x 2, 2 x 3-wire connection
available on request)

APPLICATIONS

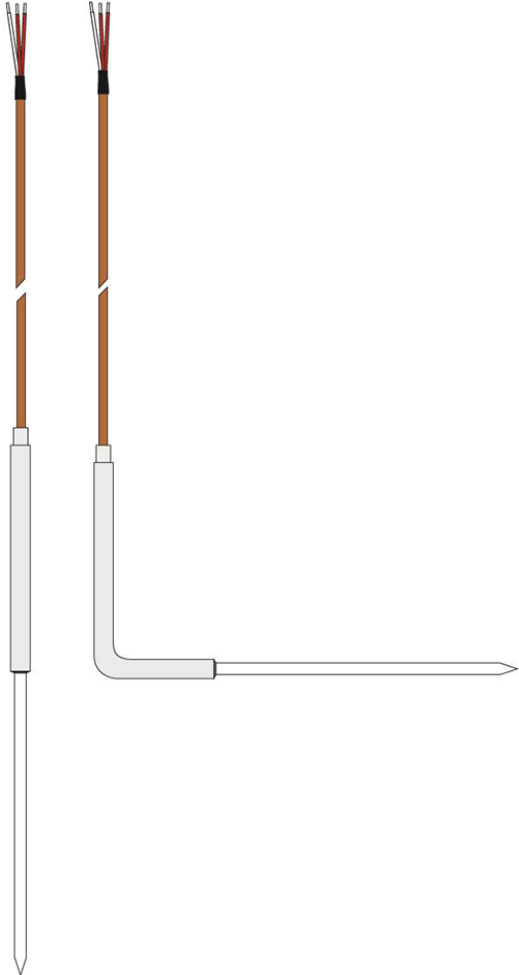
Food processing and laboratory equipments.

OPTIONS

Termination with connector



Design Design IP68 autoclavable



Description	Standard	Your requirements

Thermo element		
Measuring element	☐ 1 x Pt100 ☐ 2 x Pt100	
Precision class	☐ Class A ☐ Class AA ☐ Class B as standard	
Nature of sensing device	☐ Thin layer Pt100 ☐ Ceramic element Pt100	
Wire arrangement	☐ 1 x 3-wires as standard ☐ 1 x 2-wires ☐ 1 x 4-wires ☐ 2 x 2-wires ☐ 2 x 3-wires	
Temperature range	☐ -200 / 250 °C as standard ☐ Specific range, please specify	

Immersion zone		
Measuring tube	☐ Other diameter and/or other length - please specify ☐ s.s. spear tube Ø 6 x 100 mm with pointed end	

Intermediate zone		
Support tube	☐ Other support tube, please specify ☐ 90° bended s.s. support tube Ø 8 x 100 mm ☐ Straight s.s. support tube Ø 10 x 100 mm ☐ Straight s.s. support tube Ø 8 x 100 mm ☐ Teflon handle Ø 15 x 100 mm	

Cables		
Cable insulation	☐ PFA/PFA Cable (-200 / +250 °C) ☐ Teflon cable with flexible s.s. spiral tube Ø 6 mm	

Cables		
	☐ Téflon/silicone cable (temperature range -30/200 °C)	
Cable length	☐ 1 meter as standard ☐ Other length, please specify	
Cable termination c	☐ Connector - please specify brand and model ☐ Cable lugs	

Identification		
Identification	☐ Other, please specify ☐ Self-adhesive label	
Tag plate	☐ Not required (standard) ☐ s.s. tag plate with P&ID number ☐ PVC tag plate with P&ID number	

Other requirements		
Fully watertight construction option	☐ None (standard) ☐ Watertight IP68 option autoclavable	
Calibration	☐ Calibration required - please specify the temperature calibration points ☐ Not required (as standard)	
Certificates (option)	☐ None required ☐ Conformity certificate ☐ Material certificate according to EN 10204 3.1 ☐ ATEX Ex ia (intrinsic safety)with certificate	