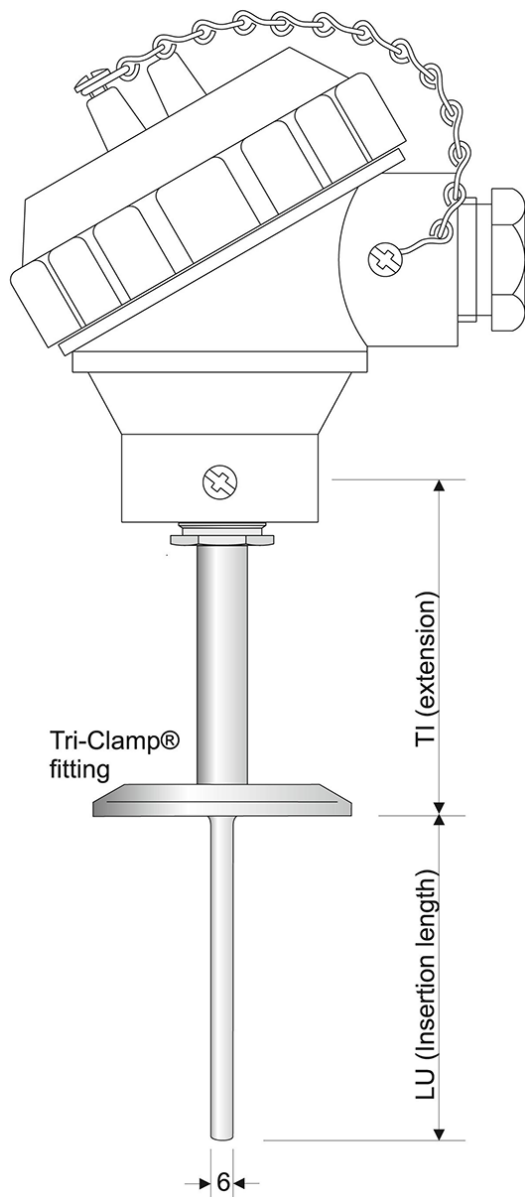




SI7-CLMP Straight Pt100 probe with Tri-clamp® fitting and extension tube - sensor not replaceable



INFORMATIONS

Sensing element

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

Temperature range

-50 to +250 °C

External sheath

AISI 316L seamless tube – wall thickness 1 mm
Diameter: 6 mm by default, other diameters available on request.
Insertion length: standard 100 mm , any other length on request.

Process connection

Standard 1 1/2" Tri-clamp® fitting
Other sizes available on request

connection head

Standard white PE head IP65 with M20 cable gland
(other types available on request).

wiring

Standard ceramic terminal block
1 x 3-wire connection (1 x 2, 1 x 4, 2 x 2, 2 x 3-wire connection
available on request)

APPLICATIONS

Pharmaceutical and food applications.

OPTIONS

Reduced tip for faster response Electropolished surface 4-20 mA or
0/10 V signal transmitter (insulated, not insulated, HART, etc.) Ex
Design







Description	Standard	Your requirements

Thermo element		
Manufacturing standard	☐ Other, please specify ☐ IEC/EN 60751	
Measuring element	☐ Pt100 as standard ☐ Pt1000	
Number of sensing elements	☐ Single ☐ Double	
Precision class	☐ Other, please specify ☐ Class A ☐ Class AA ☐ Class B as standard	
Wire arrangement	☐ 3-wire arrangement ☐ 4-wire arrangement	
Temperature range	☐ -50 / 250 °C ☐ Other range, please specify	

Immersion zone		
Measuring tube (LU)	☐ Other, please specify ☐ Ø 6 x100 mm	
Material	☐ AISI 316/316L ☐ Other, please specify	
Reduced tip 	☐ Reduced tip Ø 4 x 50 mm ☐ None - straight tube over the whole length	
Process fitting	☐ Size ½ - ¾ ☐ Size 1 - 1½ ☐ Size 2 ☐ Size 3 ☐ Size 4	
Surface finish	☐ Electropolished - roughness Ra = 0,4 µm ☐ Electropolished - roughness Ra = 0,5 µm	

Immersion zone

	☐ Electropolished - roughness Ra = 0,8 µm ☐ None - stock finish as standard	
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Intermediate zone

Extension tube	☐ Other, please specify ☐ Length 100 mm	
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Connection head

Connection head selection	☐ White polypropylene KPP with screw cover IP65  ☐ Cast aluminium TB11-12 (BUZ) (IP 68)  ☐ Cast aluminium B-AKVL (BUZH) IP68 with extended cover  ☐ Full stainless steel head (BEG) with screw cover IP65  ☐ Black PVC with screw cover TB11-13 (BBK)  ☐ Cast aluminium with screw cover Okazaki IP65 	
Built-in transmitter (option)	☐ Transmitter with HART protocol ☐ Galvanic insulation transmitter ☐ Uninsulated transmitter ☐ Not required (as standard)	

**Connection head**

Local display	☐ Digital read-out powered by the 4-20 mA loop (transmitter required and only for AKVL and BEG heads) ☐ Not required (as standard)	
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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

Calibration	☐ BELAC calibration required - please specify the temperature calibration points ☐ Not required (as standard)	
Certificates (option)	☐ None required ☐ CE certificate (only if built-in transmitter) ☐ Conformity certificate ☐ Dye penetration test ☐ Roughness certificate ☐ Material certificate according to EN 10204 3.1 ☐ ATEX Ex d (flameproof) construction with certificate ☐ ATEX Ex ia (intrinsic safety) with certificate	