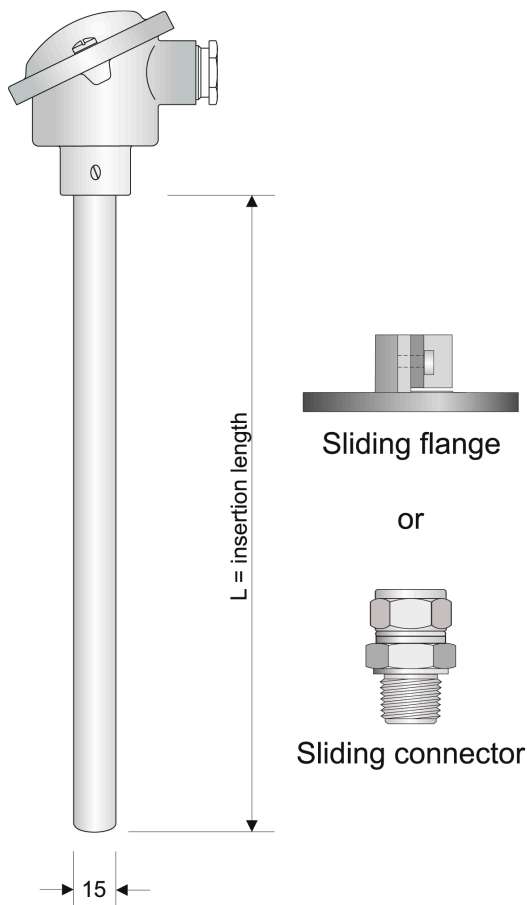




SI8-BC Straight Pt100 probe for fume ducts with sliding flange and replaceable measuring insert



INFORMATIONS

Sensing element

Pt100 single or duplex
with tolerance class B, A or AA according to IEC 751 (EN 60751)

Temperature range

-100 to + 550 °C

External sheath

AISI 316L seamless tube – wall thickness 2 mm
Diameter: 15 mm by default, other diameters available on request.
Insertion length : standard 250, 350, 500, 710 & 1000mm, any other length on request.

Measuring insert

Standard stainless steel Ø 8 mm
Spring loaded action.

Process connection

Carbon steel sliding flange or sliding connector ¾" or 1"

Connection head

Standard DIN type B head
(other types available on request) with M20 cable gland.

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

Fume ducts

OPTIONS

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



Description	Standard	Your requirements

Thermo element		
Manufacturing standard	☐ Other, please specify ☐ IEC/EN 60751	
Measuring element	☐ 1 x Pt100 ☐ 2 x Pt100	
Precision class	☐ Other, please specify ☐ Class A ☐ Class AA ☐ Class B as standard	
Wire arrangement	☐ 1 x 3-wires ☐ 1 x 4-wires ☐ 2 x 2-wires ☐ 2 x 3-wires ☐ 2 x 4-wires	
Temperature range	☐ -50 / 200 °C ☐ -100 / 200 °C ☐ -200 / 600° C	

Immersion zone		
Material	☐ Acier inox AISI 316/316L Other, please specify	
Insertion length	☐ Ø15 x 250 ☐ Ø15 x 350 ☐ Ø15 x 500 ☐ Ø15 x 710 ☐ Ø15 x 1000 ☐ Other, please specify	
Reduced tip 	☐ Reduced tip Ø10 x 50 mm ☐ None - straight tube over the whole length	

Connection		
Process fitting	☐ Steel sliding flange	

Connection

	"Steel sliding flange G ¾"	
	"Steel sliding flange G 1"	

Connection head

Connection head selection	○ Standard DIN B (TB 11-6) head IP54  ○ Cast aluminium TB11-12 (BUZ) (IP 68)  ○ Cast aluminium B-AKVL (BUZH) IP68 with extended cover  ○ Cast aluminium with screw cover Okazaki IP65  ○ White polypropylene KPP with screw cover IP65  ○ Full stainless steel head (BEG) with screw cover IP65 	
Cable gland	○ Double (only for TB11-6 and TB-AKVL heads) ○ Single (standard)	
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)	

Identification

Identification	○ Other, please specify	
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Identification		
	☐ 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 ☐ Material certificate according to EN 10204 3.1 ☐ ATEX Ex d (flameproof) construction with certificate ☐ ATEX Ex ia (intrinsic safety) with certificate	