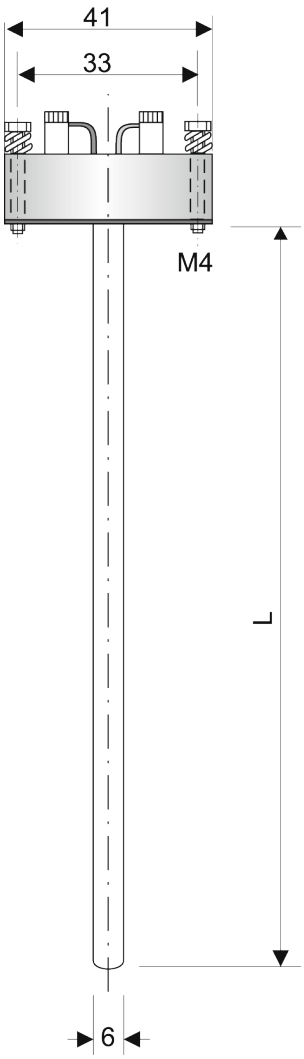
Measuring element (SI9)



INFORMATIONS

Measuring element

“Pt100 single or duplex element. Pt1000 element available on request.
Tolerance class B, A or AA according to IEC 751 (EN 60751).
Protective shield: stainless steel.
Diameter: standard 6 mm (4.5 and 8 mm also available)
Insertion length: Standard DIN lengths and any length in 5 mm increment.”

Temperature range

Standard -200 to 600°C.

Head connection

According to DIN43762 – M4 screws 33 mm spaced
Spring loaded mechanism for better contact with the bottom of thermowell or absorption of vibrations.

Electrical connections

“Standard ceramic terminal block 1×3-wire 1×2, 1×4, 2×2, 2×3-wire connection available on request”

APPLICATIONS

Measuring inserts for series 6 and 8

OPTIONS

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

Description	Standard	Your requirements

Thermo element		
Measuring element	❍ Other, please specify ❍ Double Pt100 ❍ Single Pt100 ❍ Double Pt1000 ❍ Double Pt1000	
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 / 400 °C ❍ -200 / 600 °C ❍ Other range, please specify	

Immersion zone		
Diameter	❍ 6mm ❍ 8mm ❍ 4,5 mm	
Length	❍ 275 mm ❍ 315 mm ❍ 345 mm ❍ 375 mm ❍ 405 mm ❍ 435 mm ❍ 525 mm ❍ 555 mm	

Immersion zone		
	❍ 585 mm ❍ 655 mm ❍ 735 mm ❍ Other, please specify	
Reduced tip	❍ Reduced tip Ø 3,5 x 65 mm ❍ None - straight tube over the whole length	

Connection		
Sensor terminals	❍ Ceramic contact block with screw terminals ❍ Mounting plate and free wires for transmitter mounting	
Transmitter	❍ Not required (as standard) ❍ Transmitter with HART protocol ❍ Galvanic insulation transmitter ❍ Uninsulated transmitter	

Identification		
Identification	❍ Other, please specify ❍ Self-adhesive label	

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 ❍ ATEX Ex ia (intrinsic safety)with certificate	