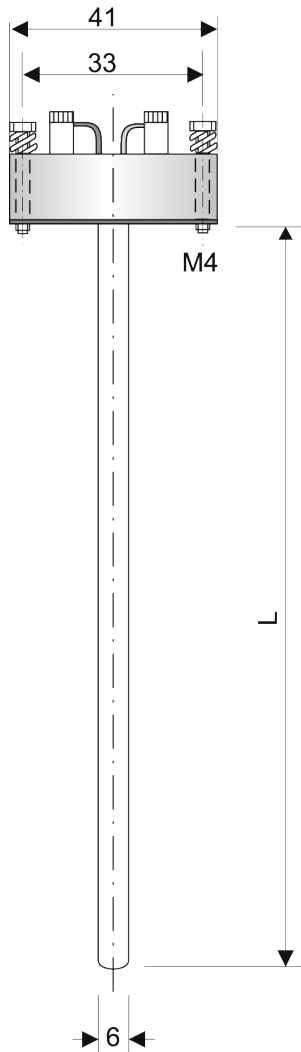




Measuring element (SI9)



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 1x3-wire 1x2, 1x4, 2x2, 2x3-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 \varnothing 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	