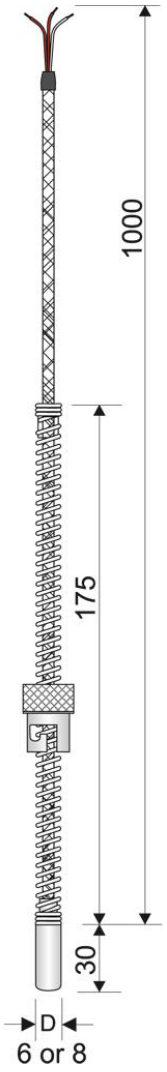
SI1112 series with bayonet cap and adjustable spring pressure



INFORMATIONS

Sensing element

Pt100 single element
with tolerance class B or A according to IEC 60751 (EN 60751)

Temperature range

Standard 0 to +400°C.

External sheath

AISI 316L seamless tube – wall thickness 1 mm
Diameter: 6 or 8 mm, other diameters available on request.
Length: standard 30 mm, other lengths on request.

Hint: Insertion length and pressure onto the bottom of the well can be adjusted by turning the bayonet along the spring.

Bayonet fitting for double lug

Either 12 or 15 mm internal diameter

Wiring

Glass fibre cable with stainless steel overbraid
3- or 2-wire construction
Cable length: 1 meter, other lengths available in option

Remarks

This probe is also available with a thermocouple sensing element instead of a Pt 100.
See further our data sheet TI1112.

APPLICATIONS

Machines as extruders, plastic molding and plastic film machines

OPTIONS

Ex design

Description	Standard	Your requirements

Thermo element		
Measuring element	❍ 1 x Pt100	
Precision class	❍ Class A ❍ Class B as standard	
Wire arrangement	❍ 2-wire arrangement ❍ 3-wire arrangement as standard	
Temperature range	❍ 0 / 400 °C standard,Other range, please specify	

Immersion zone		
Diameter	❍ 6 mm ❍ 8 mm ❍ Other, please specify	
Length	❍ 30 mm (standard) ❍ Other length, please specify	

Intermediate zone		
Spring	❍ Length 175 mm	
Internal diameter of bayonet	❍ Ø 12 mm ❍ Ø 15 mm ❍ Other (please specify)	

Connection		
Cable insulation	❍ other length - please specify ❍ Cable with fibreglass insulation and stainless steel overbraid - length 1 m (by default)	
Cable termination	❍ Connector - please specify brand and model ❍ Cable lugs	

Identification		
Identification	❍ Other, please specify ❍ Self-adhesive label	
Tag plate	❍ Not required (standard)	

Identification		
	❍ s.s. tag plate with P&ID number ❍ PVC tag plate with P&ID number	

Other requirements		
Calibration	❍ Calibration required - please specify the temperature calibration points ❍ Not required (as standard)	
Certificates (option)	❍ Conformity certificate ❍ ATEX Ex ia (intrinsic safety)with certificate ❍ None required	