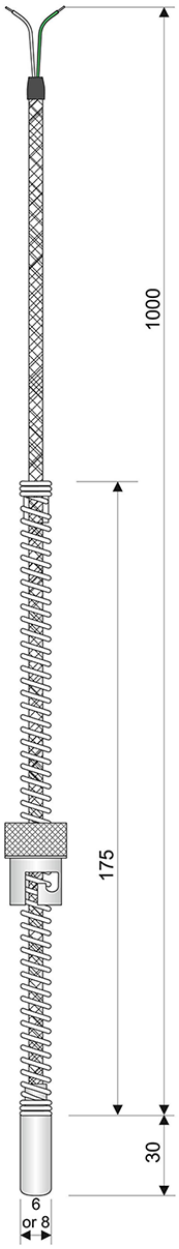
TI1112 screw-in thermocouple



INFORMATIONS

SENSING ELEMENT

Thermocouple type K or J with tolerance class 1 according to IEC 584 (EN 60584)

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

Either 12 or 15 mm internal diameter

WIRING

Glass fibre cable with stainless steel overbraid Cable length: 1 meter, other lengths available in option

REMARKS

This probe is also available with a Pt100 sensing element instead of a thermocouple.
See further our data sheet “SI1112”.

APPLICATIONS

Machines as extruders, plastic molding, hot inking and plastic film machines.

Description	Standard	Your requirements

Thermo element		
Manufacturing standard	❍ IEC / EN 60584	
Thermocouple	❍ Single	
Type	❍ K ❍ J ❍ T	
Class	❍ 1	
Temperature range	❍ 0 / 400°C	
Number of wires	❍ 2 wires	

Immersion zone		
AISI 316L, length:	❍ 30mm (if different, please mention hereby the required length)	
Diameter	❍ 8mm ❍ 6mm	

Connection		
Color code	❍ IEC ❍ ANSI	
Cable fibreglass insulated with s.s. overbraid tc	❍ 1 meter (if different, please specify)	
Standard termination metal lugs tc	❍ Option: thermocouple mini connector ❍ Option: thermocouple standard connector	

Intermediate zone		
Spiral length	❍ 175mm (if different, please specify)	
Internal diameter of bayonet	❍ 12mm ❍ 15mm	

Identification		
Identification	❍ Self-adhesive label (standard)	
Tag	❍ s.s. tag plate with P&ID number ❍ Not required (standard) ❍ PVC tag plate with P&ID number	

Identification

Other requirements

ATEX construction for hazardous areas (option)	❍ ATEX Ex i (intrinsic safety) with certificate ❍ Not ATEX (use in safe areas)	
Calibration	❍ Not required ❍ Calibration required - please specify the temperature calibration points	
Certificates (option)	❍ Other, please specify ❍ Conformity certificate ❍ Material certificate according to EN 10204 3.1 ❍ None required	
Tests	❍ Pressure test ❍ Other, please specify Not required	
Others (option)	❍ Please specify:	