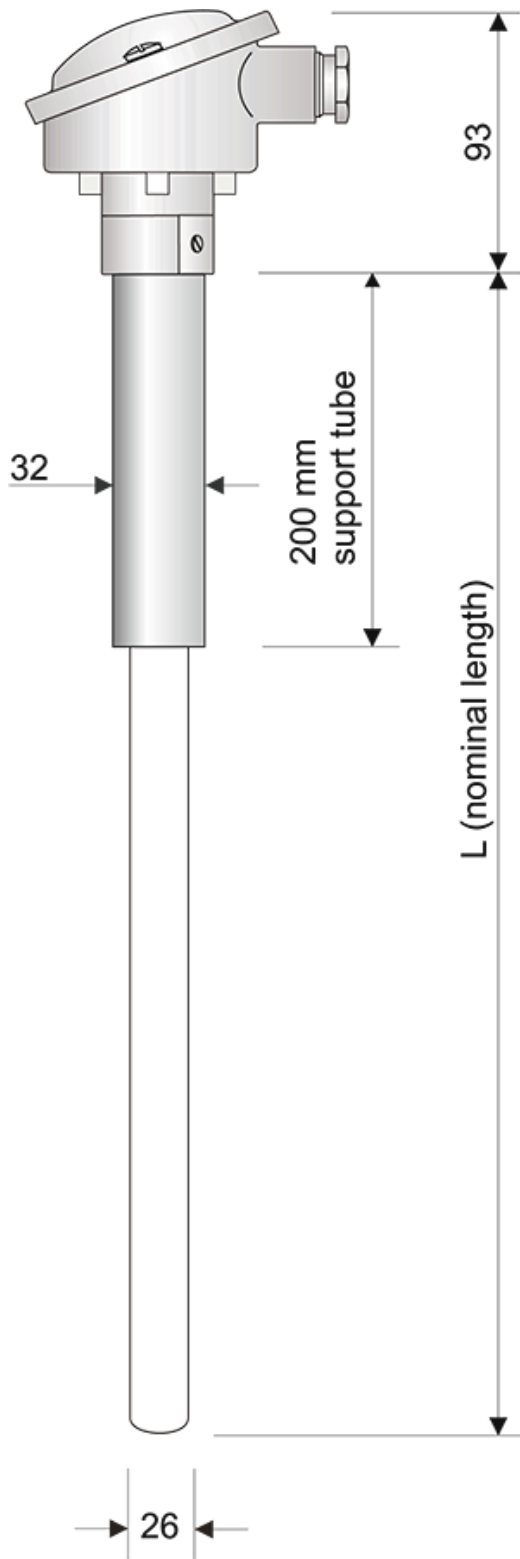


TAA - TSP & TPP Series - Straight thermocouple with dual ceramic protective sheath



INFORMATIONS

SENSING ELEMENT

“Thermocouple type K (Ni-Cr/Ni), N (Ni-Cr-Si/Ni-Si), R, (Pt-13%Rh/Pt), S (Pt-10% Rh/Pt) or B (Pt-30%Rh/Pt-6%Rh)
Single or duplex
Tolerance class according to IEC 60584 (EN 60584)”

TEMPERATURE RANGE

Thermocouple K or N : 0 to 1100 °C
Thermocouple R or S : 0 to 1550 °C
Thermocouple B : 0 to 1700 °C”

PROTECTION SHEATHS (EN 60672)

These double wall protection sheaths are offered in several combinations depending of the protection required and the temperature range.

C530 Sillimantin (external) and KER610 Pythagoras (internal) are best suited for use up to 1400 °C C530 Sillimantin (external) and C799 (Alsint) (internal) are best suited for use up to 1600 °C C799 (Alsint) both external and internal from 1600 up to 1700 °C.

In case strong corrosion issues, this combinaison may be chosen for a lower temperature as well
Cemented in stainless steel support tube.

SUPPORT TUBE

Stainless steel or refractory steel – diameter 32 mm, length 200 mm

INSERTION LENGTH

standard 500, 710, 1000, 1400 mm, any other length on request.

PROCESS CONNECTION

Sliding flange, steel sliding connector or welded process connection (thread or flange)

CONNECTION HEAD

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

APPLICATIONS



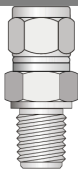
High temperature ovens – steel, glass, petrochemical industries,
incinerators, calcinations kilns

Description	Standard	Your requirements

Thermo element		
Thermocouple	☐ K (0/1100°C) ☐ N (0/1100°C) ☐ R (0/1400°C) ☐ S (0/1400°C) ☐ B (0/1700°C)	
Single or double	☐ Single ☐ Double	
Class	☐ 1 ☐ 2 ☐ 3	
Outer sheath	☐ Silimantin C530 Ø26mm ☐ Alsint C799 Ø24mm ☐ Pythagoras Ø24mm	
Internal sheath	☐ Pythagoras KER610 ☐ Alsint C799	

Immersion zone		
Support tube	☐ AISI 304 Ø32 x 200 mm ☐ Other, please specify	
Nominal length	☐ 500 mm ☐ 710 mm ☐ 1000 mm ☐ 1400 mm	

Intermediate zone		
Sliding connection devices (option)	"Sliding connector 1¼" G"  ☐ Steel sliding flange Ø32 mm	

Intermediate zone		
	 ☐ Not required 	

Connection head		
Connection head size A	☐ Cast aluminium TA11-1 (IP54)  ☐ Cast aluminium TA11-3 	
Double cable gland (option)	☐ Yes ☐ No	

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

Other requirements		
Calibration	☐ Calibration required - please specify the temperature calibration points ☐ Not required	
Certificates (option)	☐ Conformity certificate ☐ Material certificate according to EN 10204 3.1 ☐ Other, please specify ☐ None required	
Tests	☐ Pressure test ☐ Other, please specify ☐ Not required	