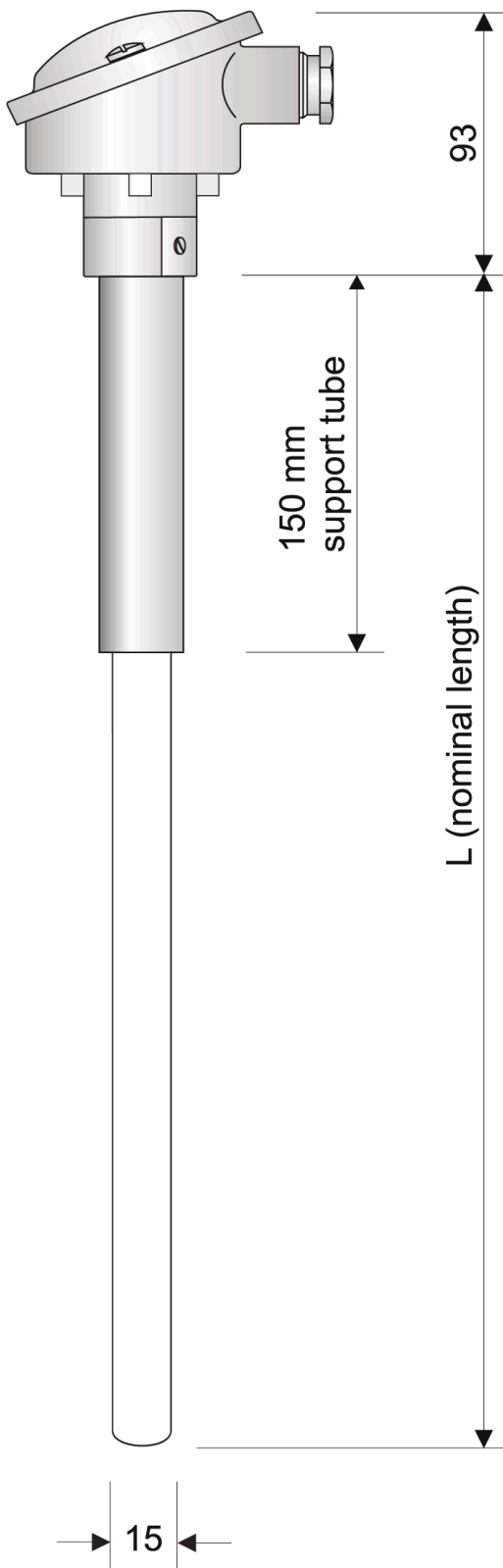


## TA & TP series - straight thermocouple with single protective sheath



### 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 with tolerance class according to IEC 584 (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"

#### EXTERNAL SHEATH (EN60672)

KER610 (Pythagoras) up to 1400 °C  
C799 (Alsint) up to 1700 °C  
Diameter 15 mm  
Cemented in stainless steel support tube

#### SUPPORT TUBE

"Stainless steel or refractory steel,  
diameter 22 mm – length 150 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
	TA&TP	

Thermo element		
Manufacturing standard	IEC / EN 60584	
Thermocouple	B K N R S	
Single or double	Single Double	
Temperature range	0/1100°C 0/1550°C 0/1700°C	

Immersion zone		
Outer sheath	Pythagoras KER610 up to 1400°C Alsint C799 up to 1700°C	
Length	500mm 710mm 1000mm 1400mm	
Support tube	AISI 304 Ø22x150mm	

Sliding connection devices (option)